

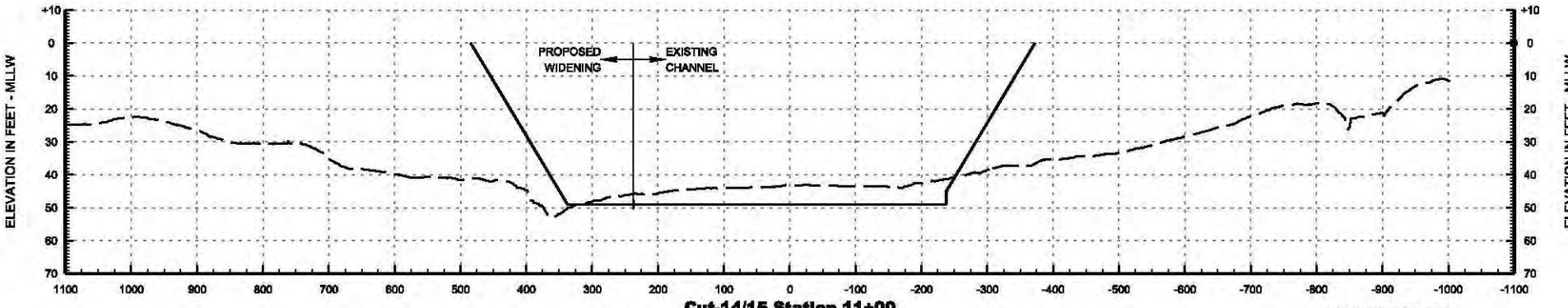
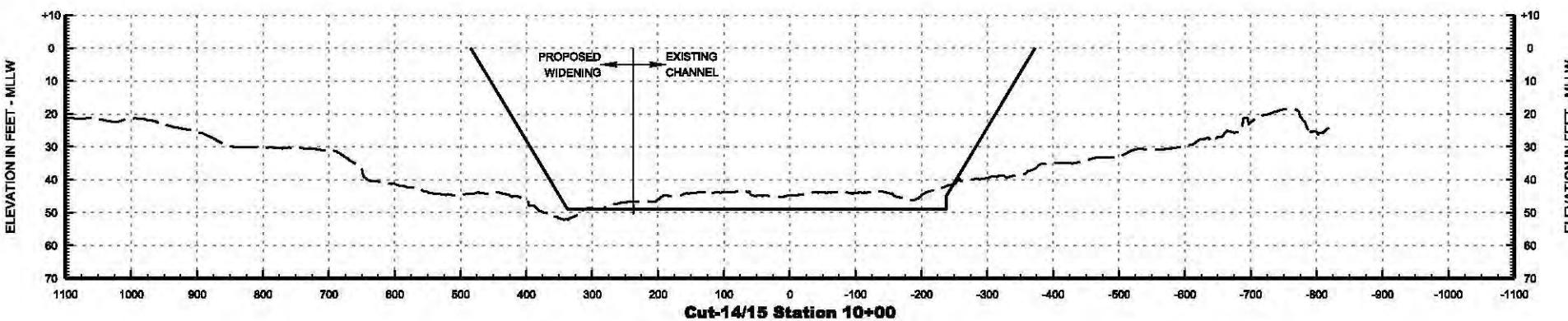
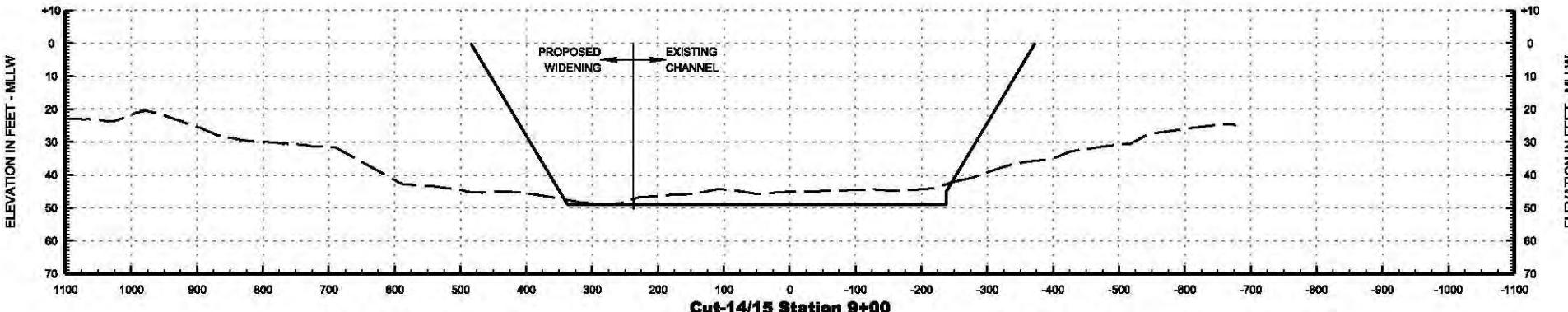
APPENDIX A

ENGINEERING APPENDIX

FIGURES 101-150

Jacksonville Harbor Navigation Study, Duval County,
Florida

DRAFT
INTEGRATED GENERAL REEVALUATION
REPORT II AND SUPPLEMENTAL
ENVIRONMENTAL IMPACT STATEMENT



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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Jacksonville District

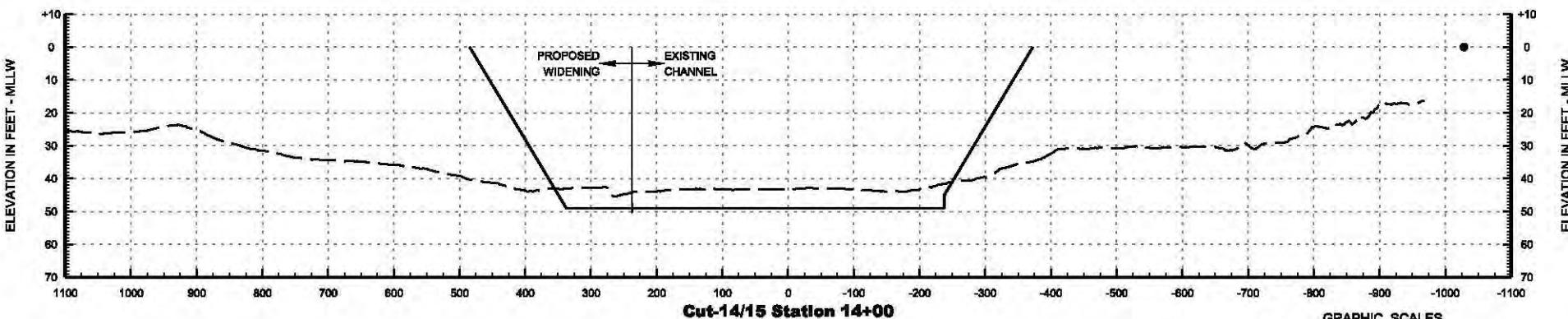
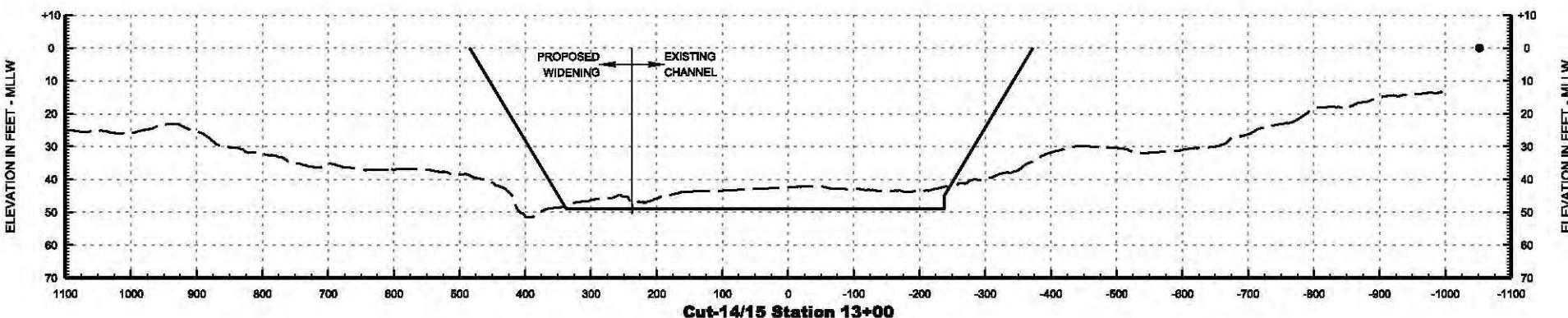
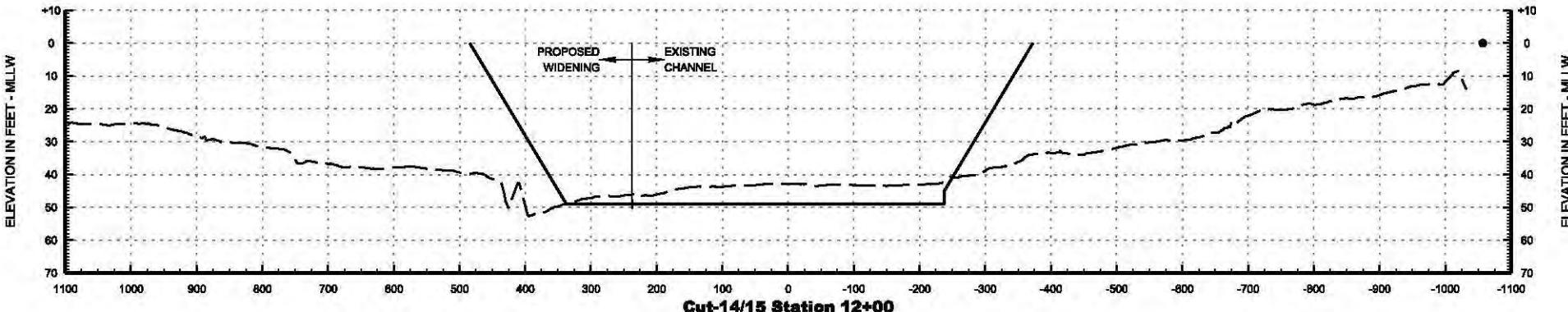
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DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-14/15 STATION 9+00 TO 11+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
101



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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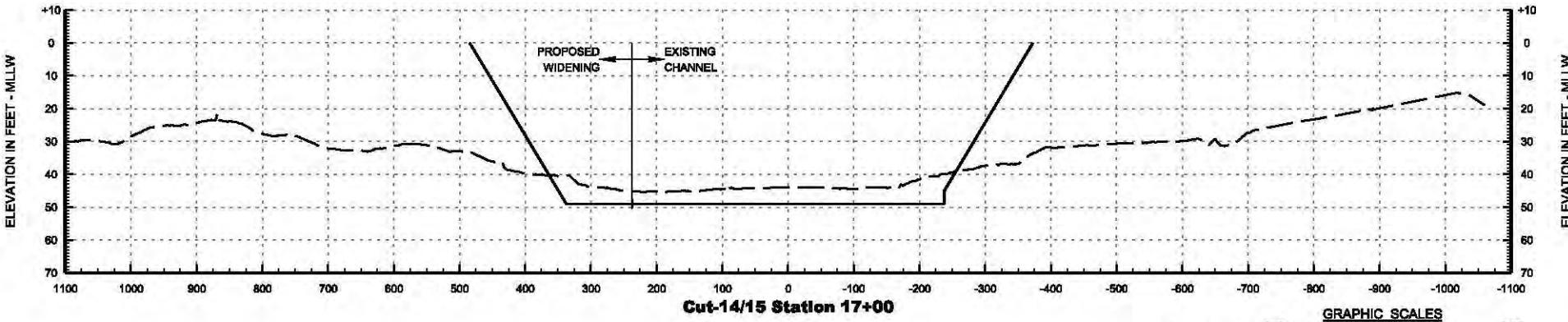
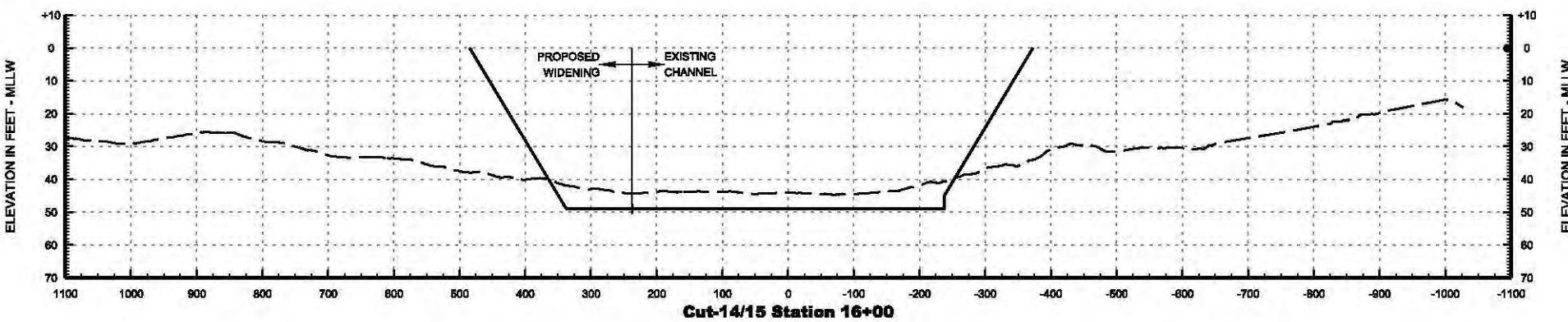
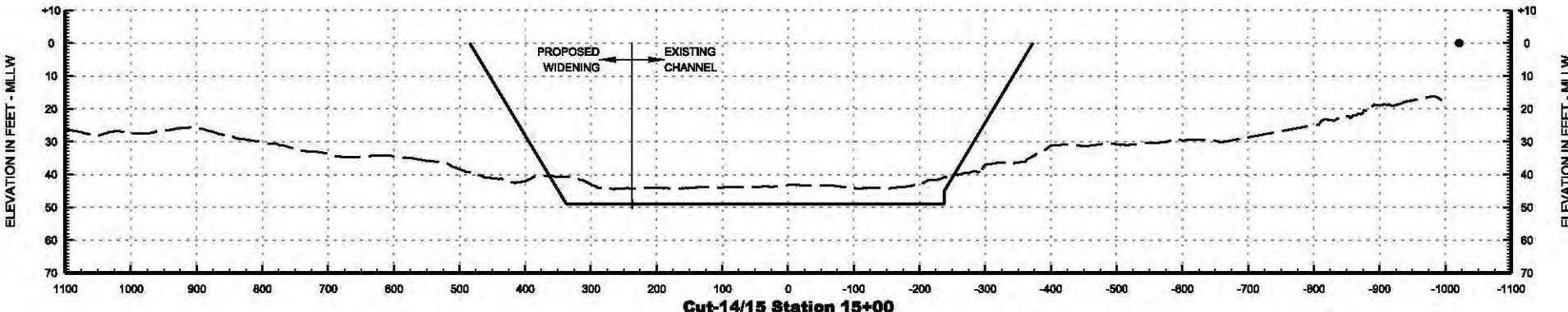
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
102



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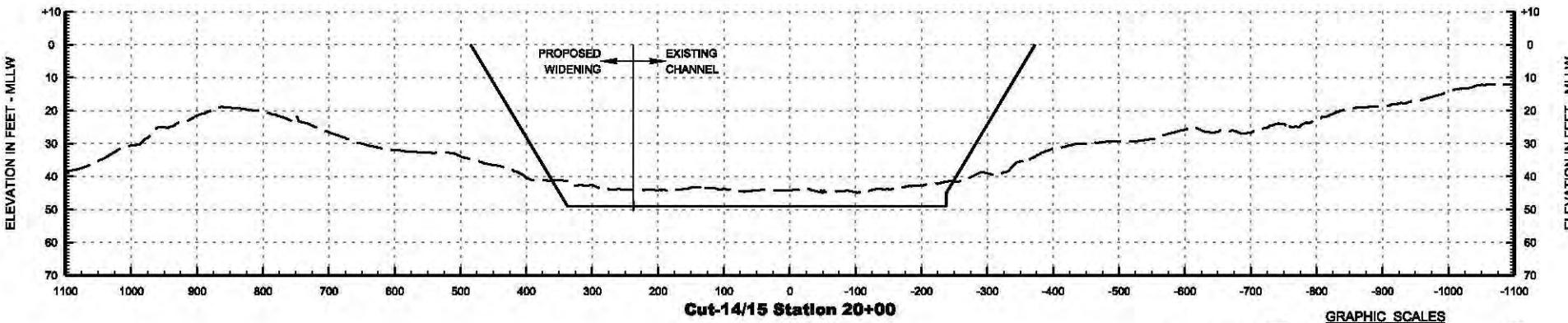
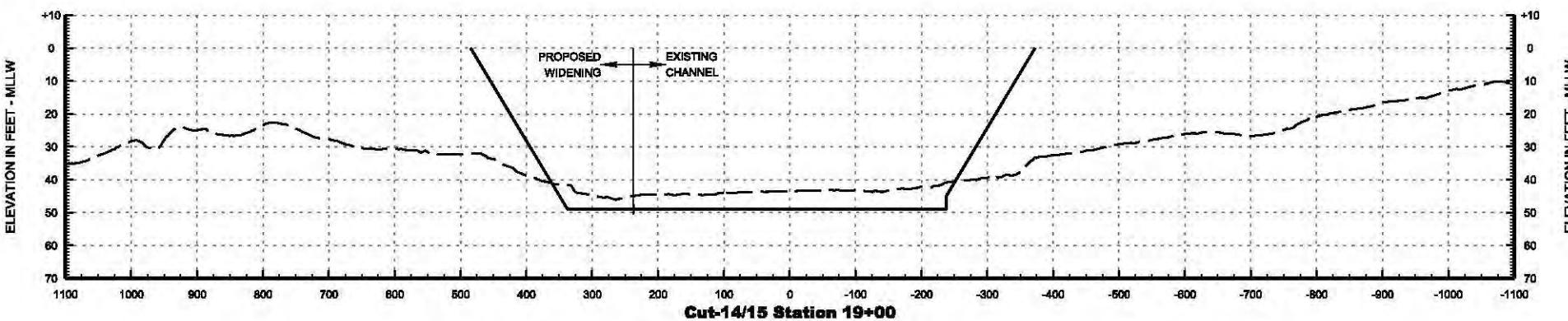
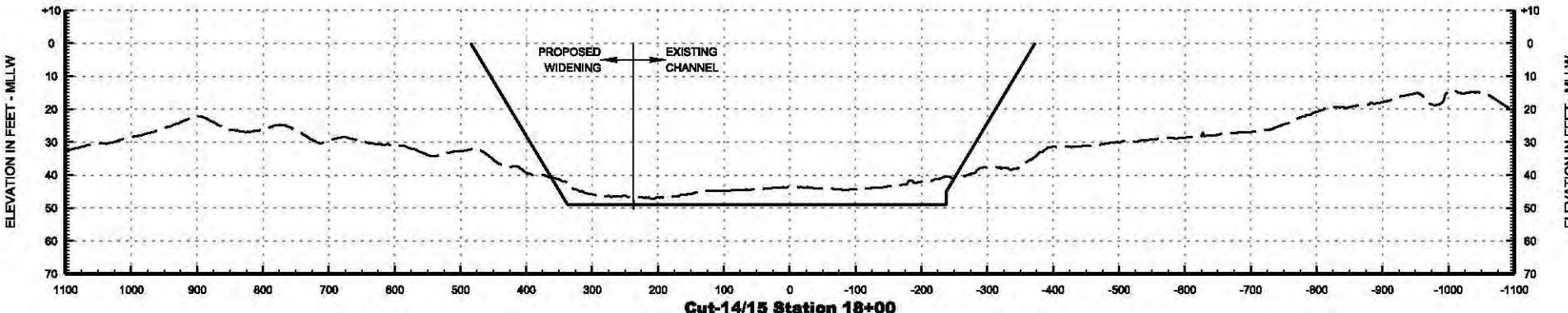
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
103



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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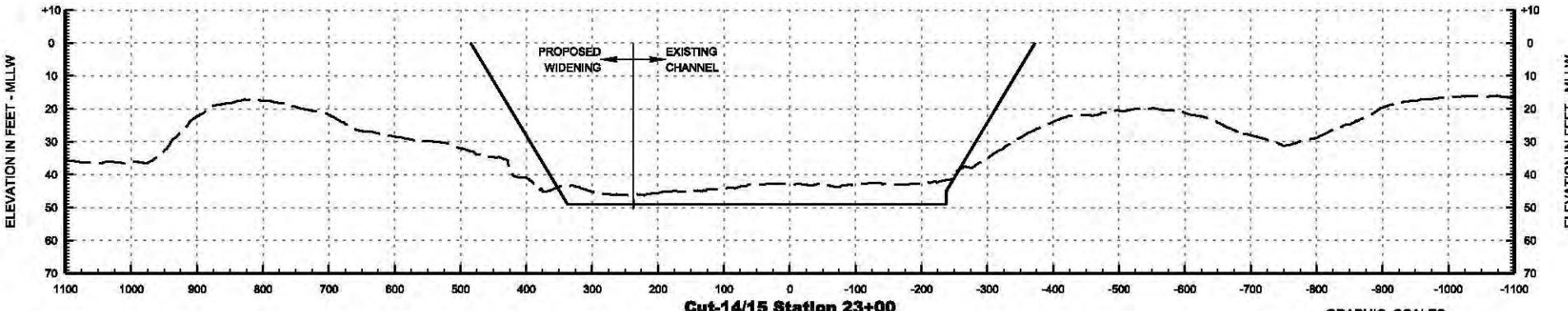
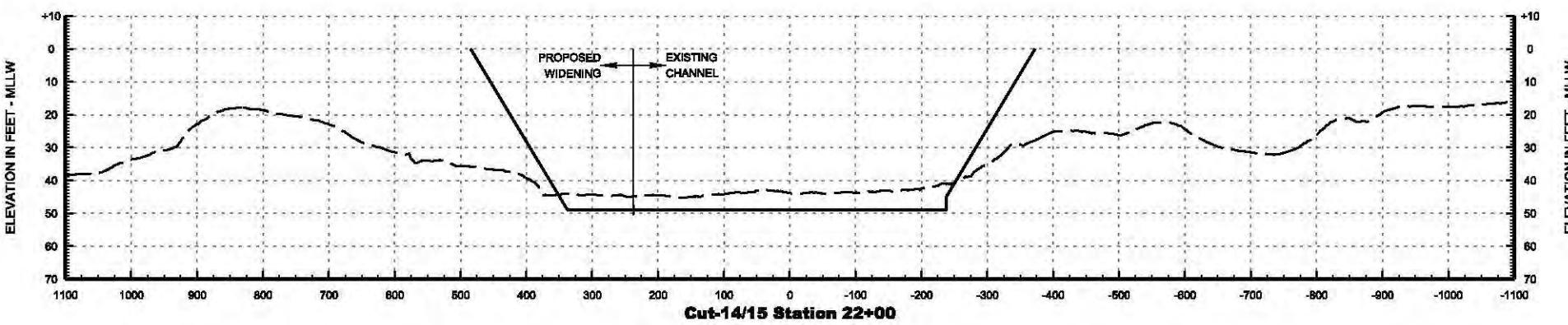
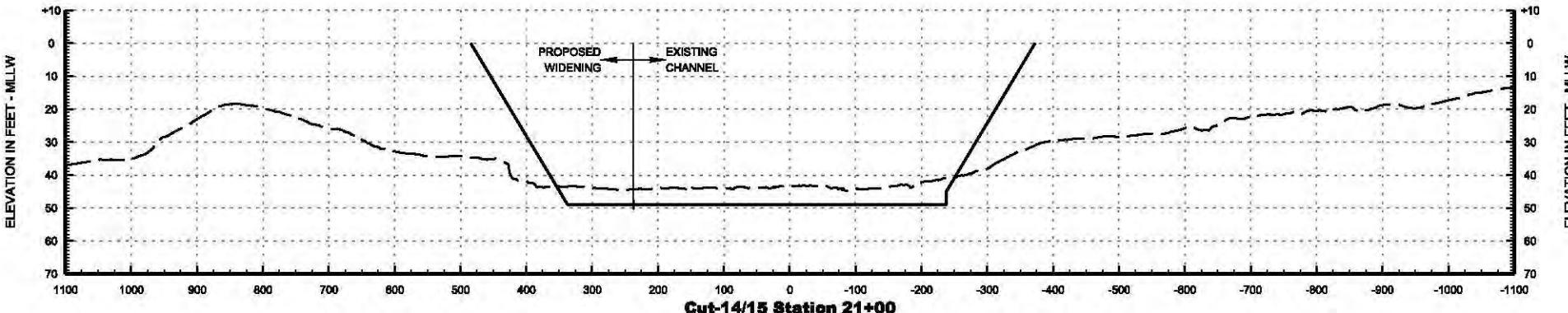
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CUT-14/15 STATION 18+00 TO 20+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
104



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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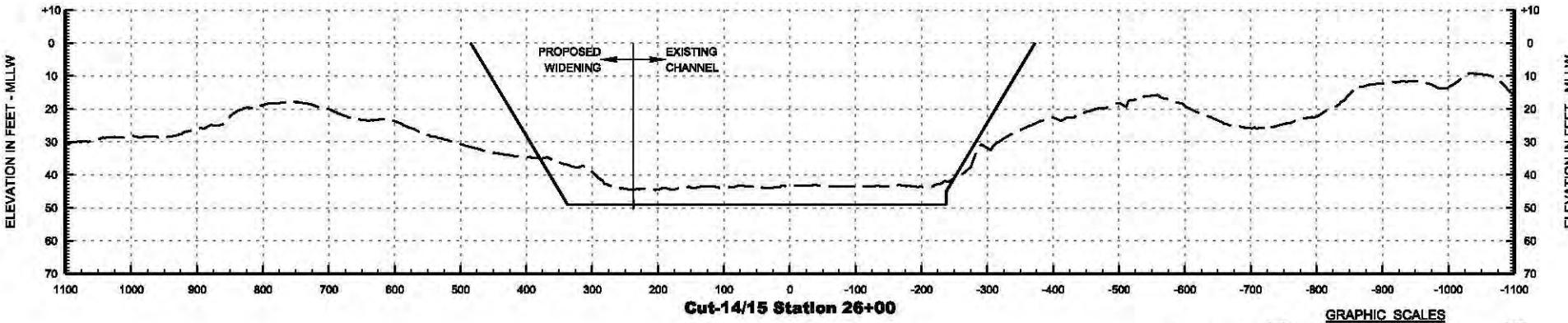
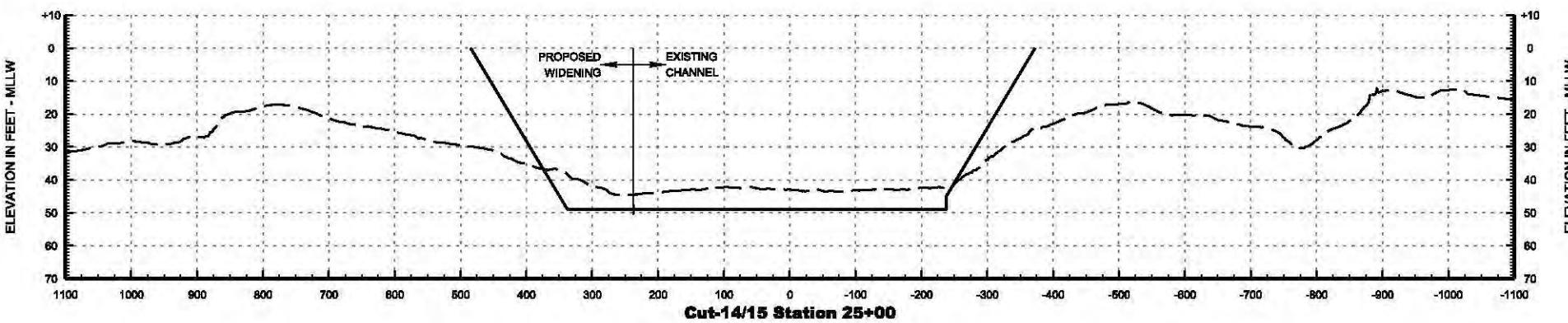
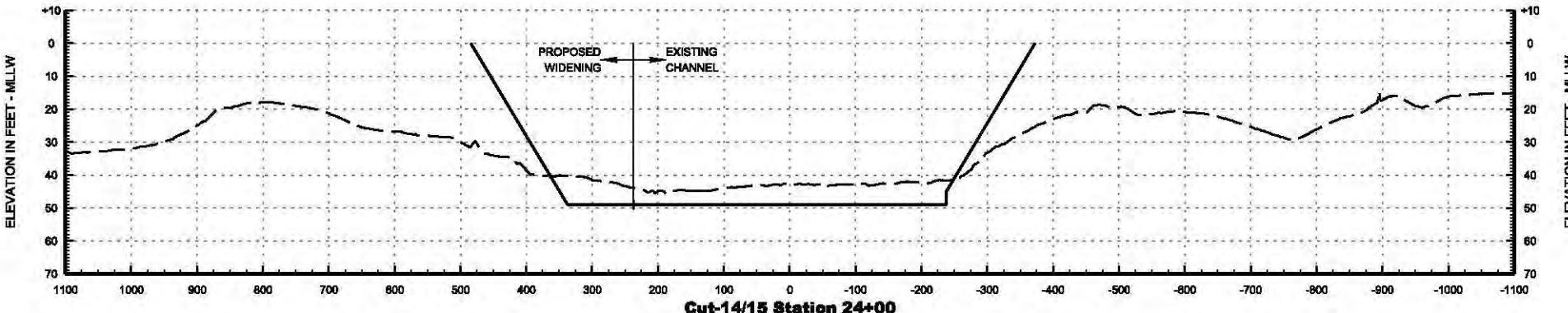
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CUT-14/15 STATION 21+00 TO 23+00
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
105



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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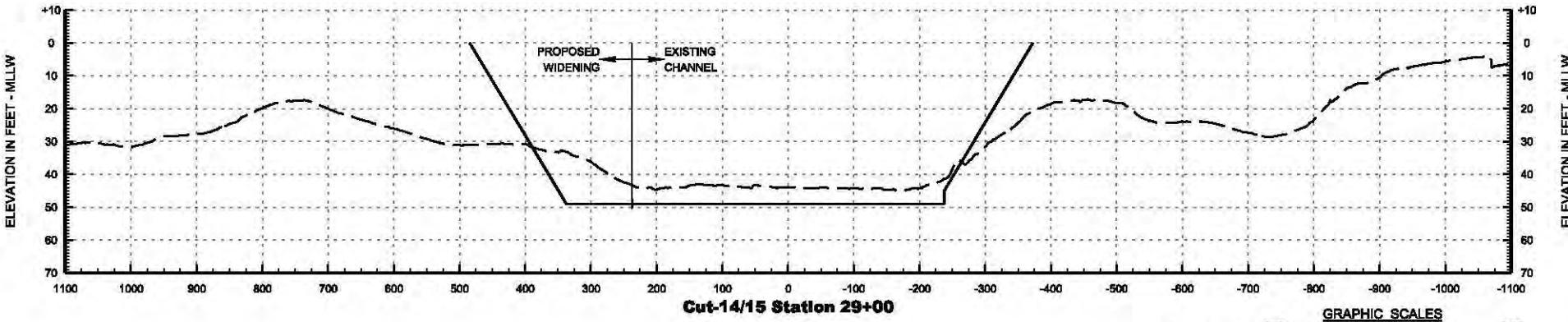
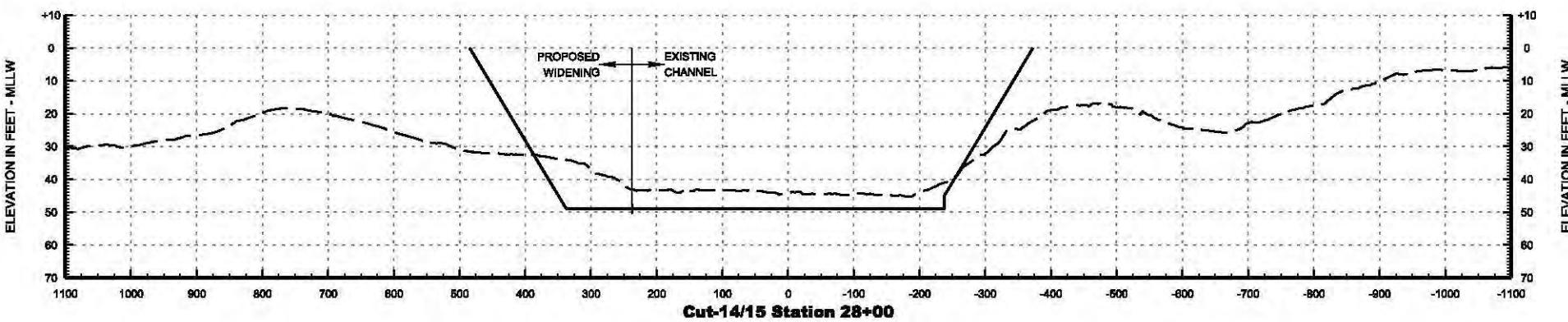
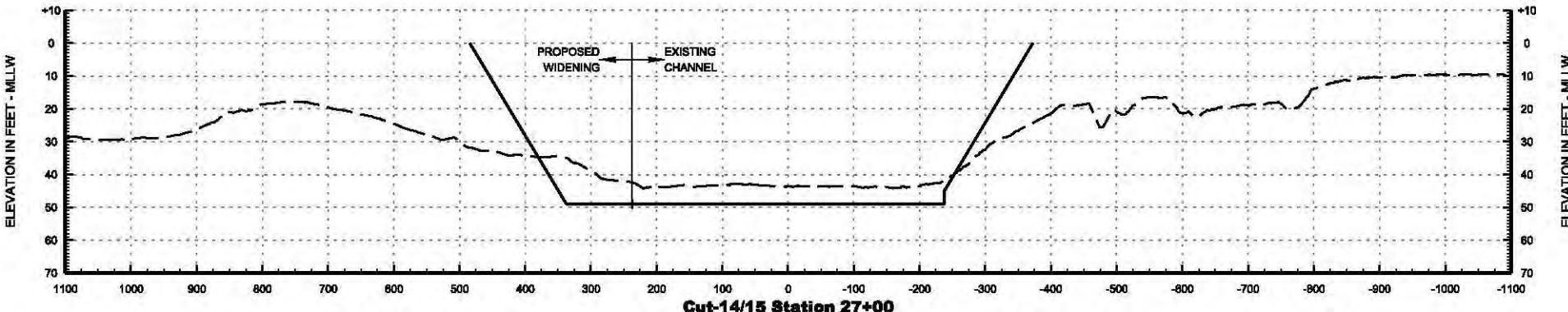
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
106



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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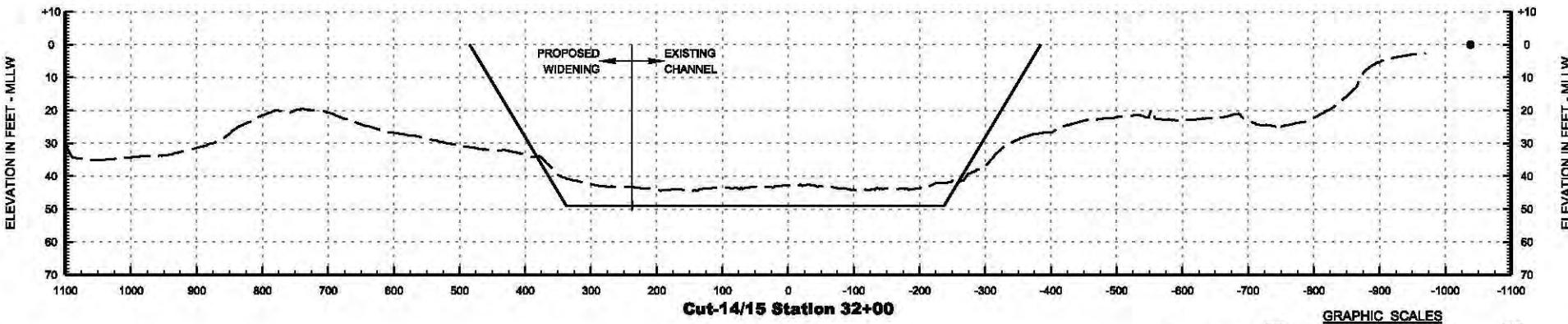
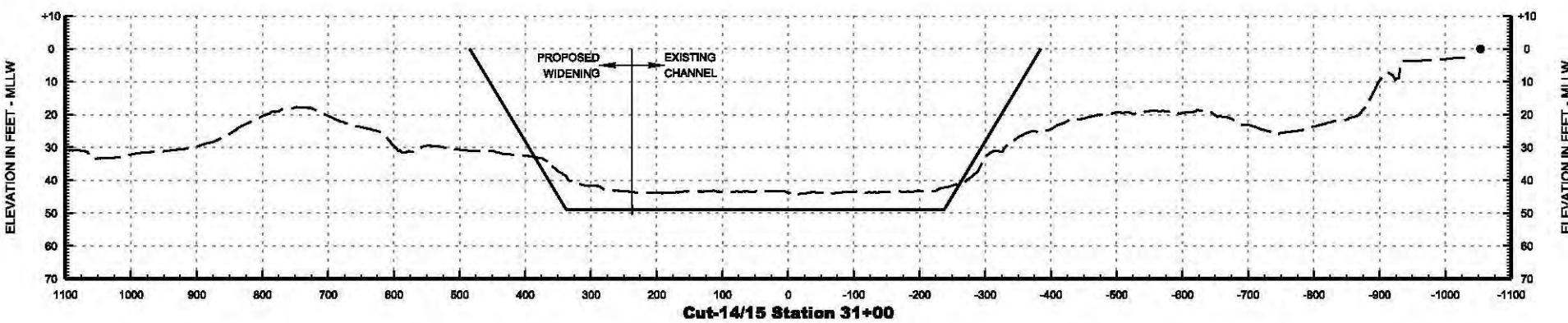
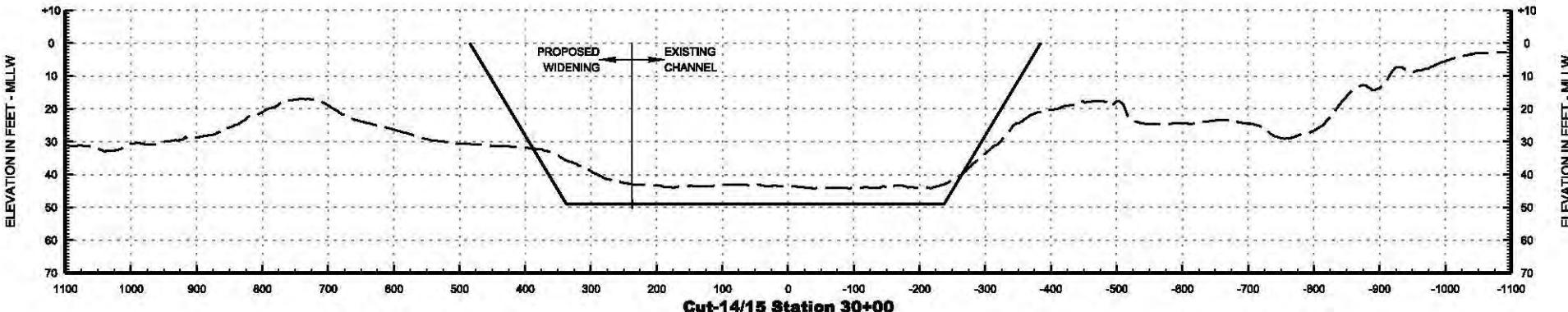
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
107



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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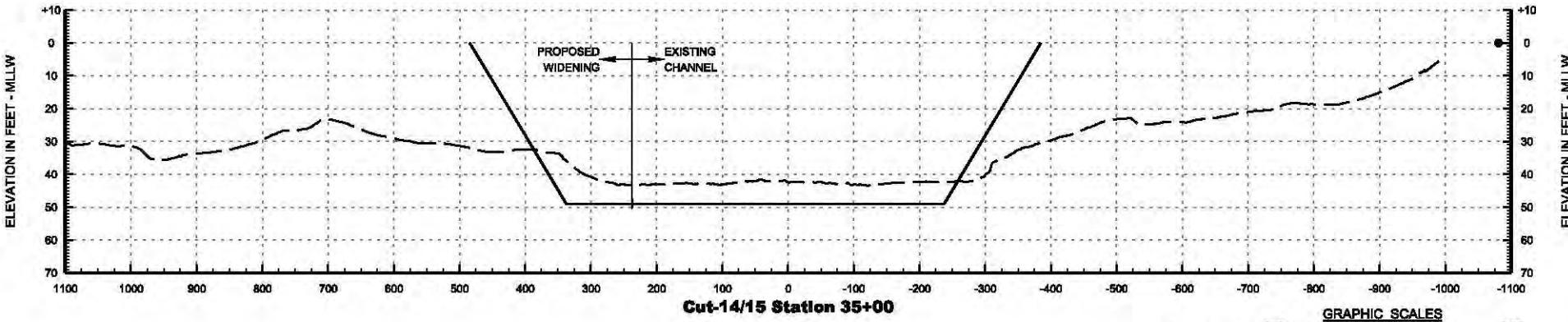
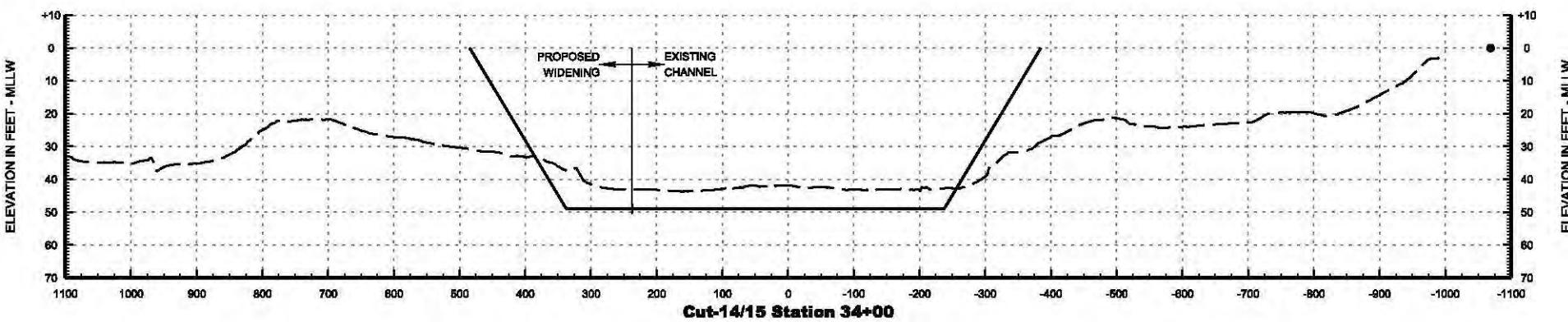
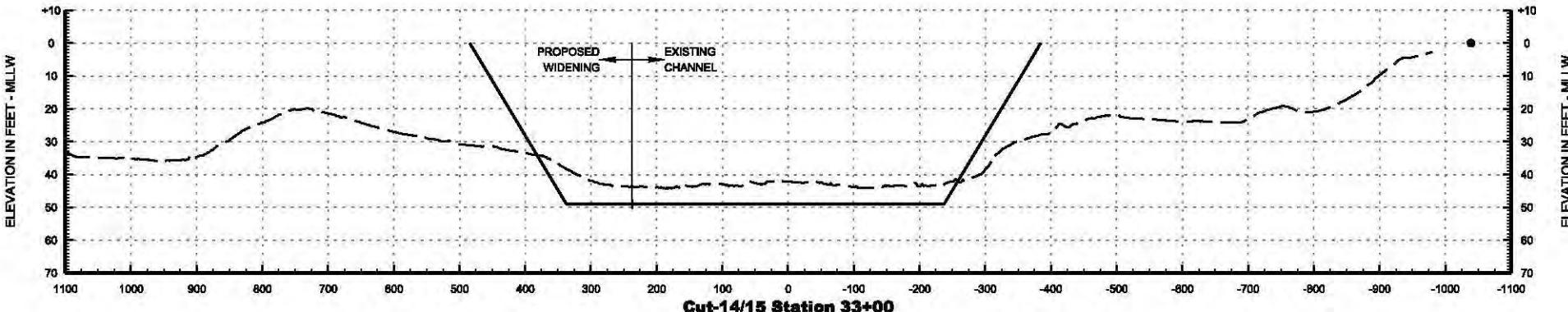
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
108



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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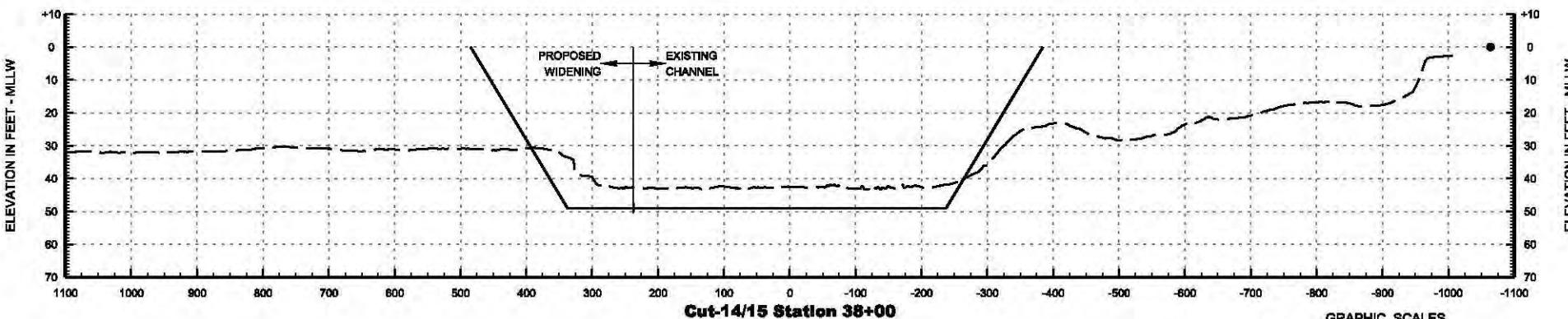
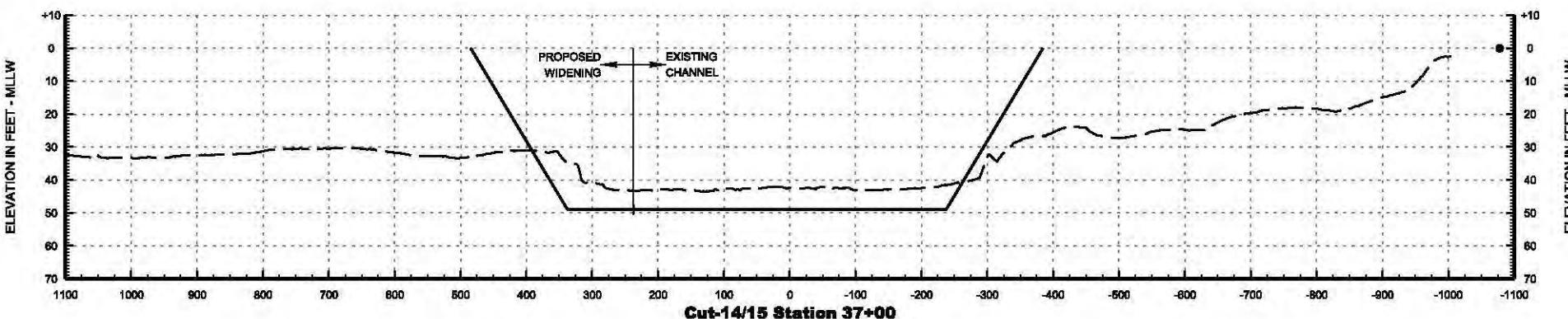
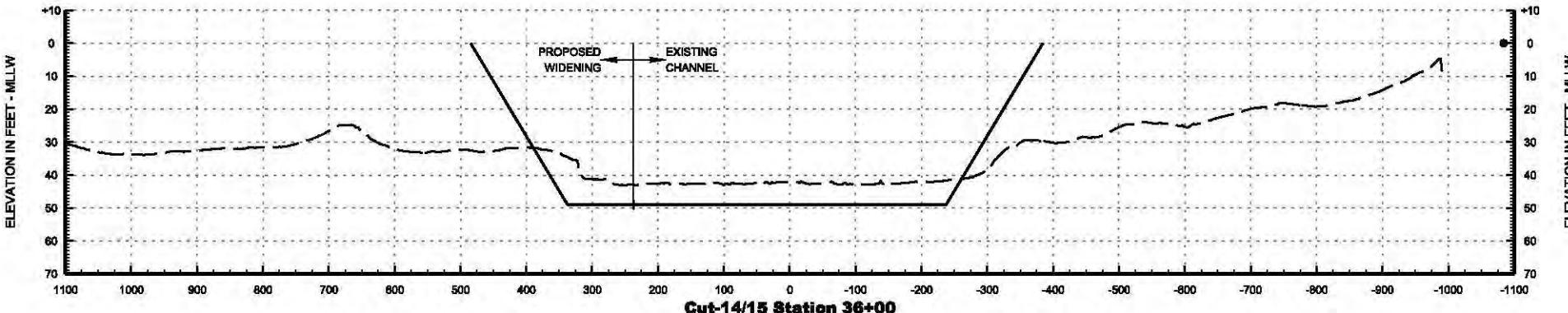
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CUT-14/15 STATION 33+00 TO 35+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
109



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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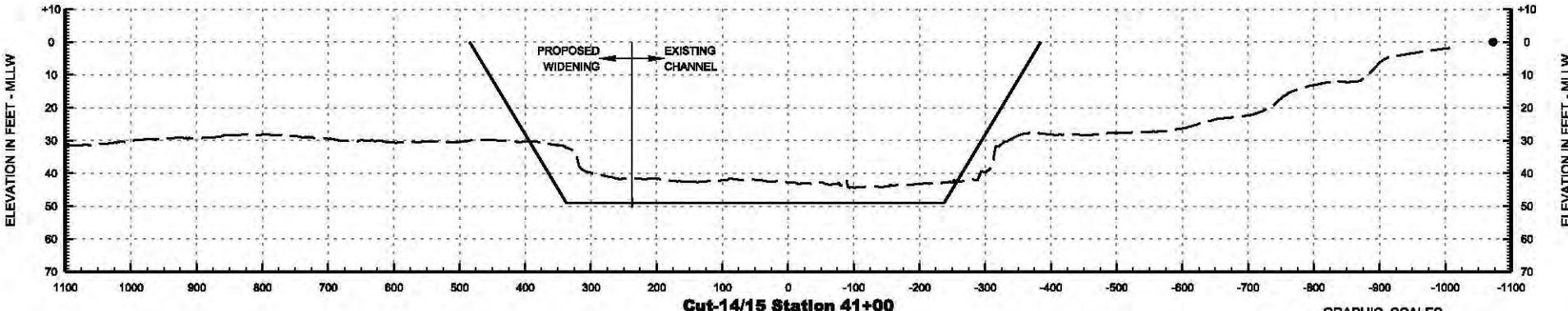
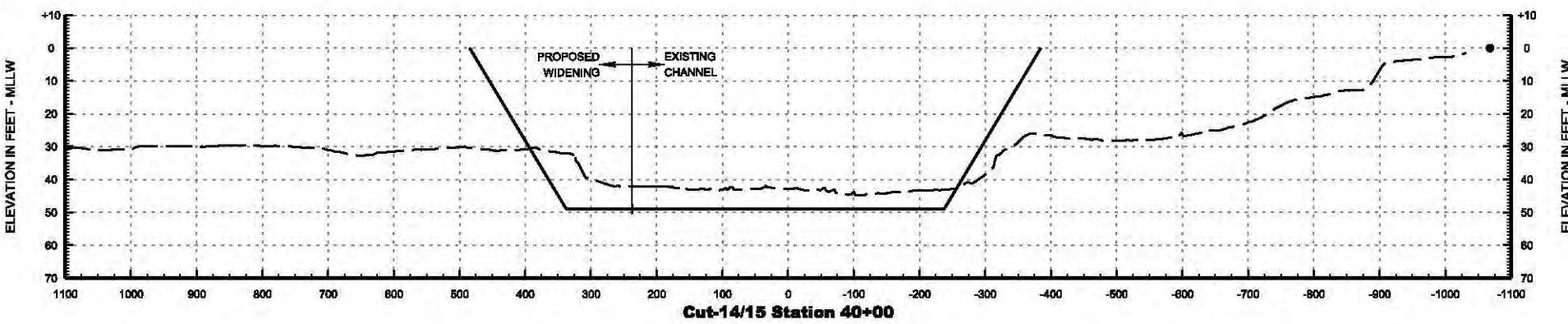
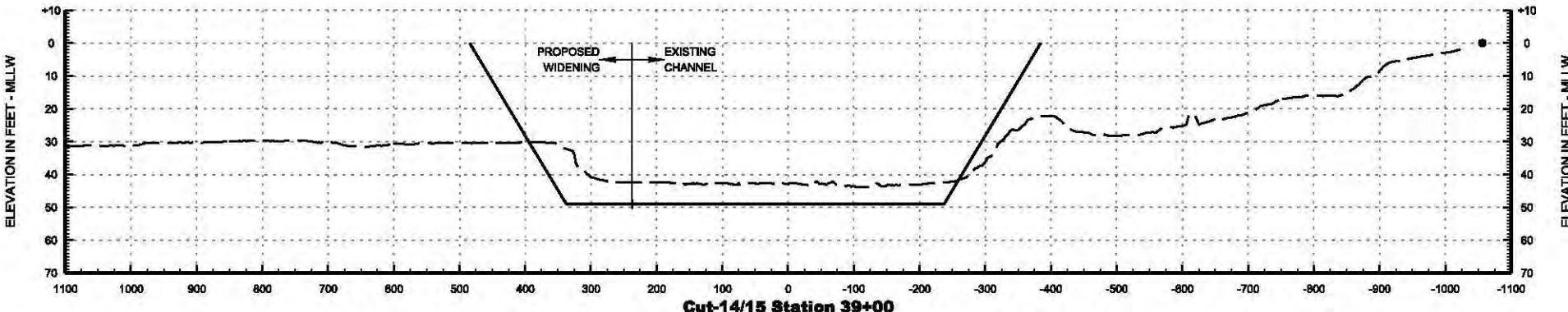
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CUT-14/15 STATION 36+00 TO 38+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
110



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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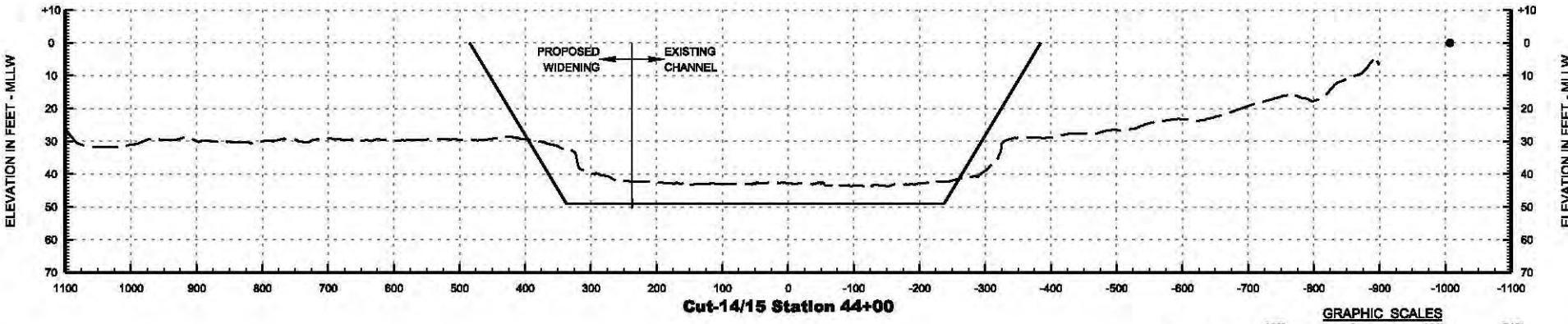
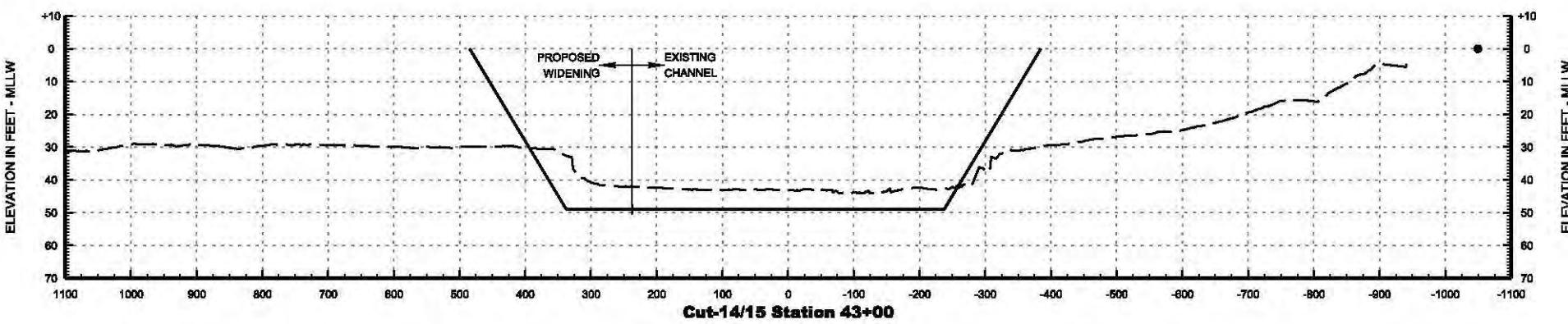
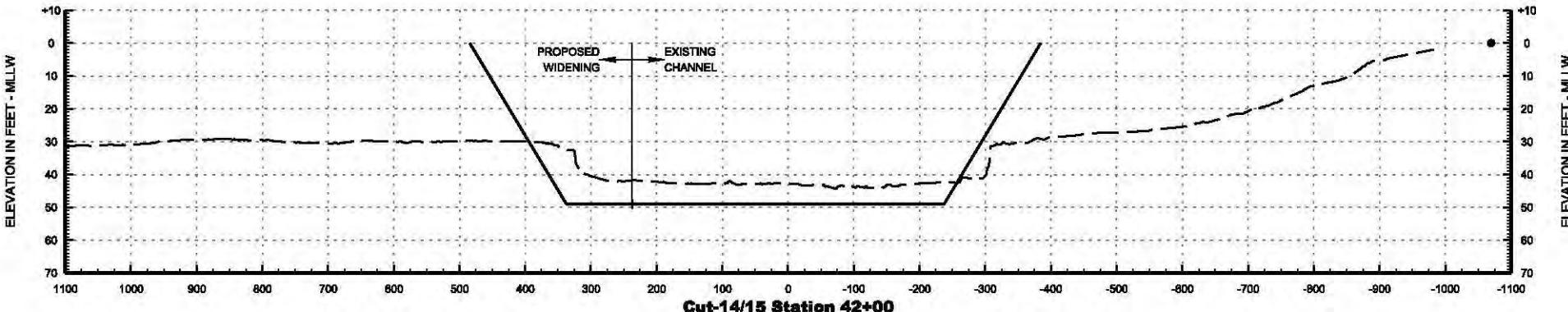
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CUT-14/15 STATION 39+00 TO 41+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
111



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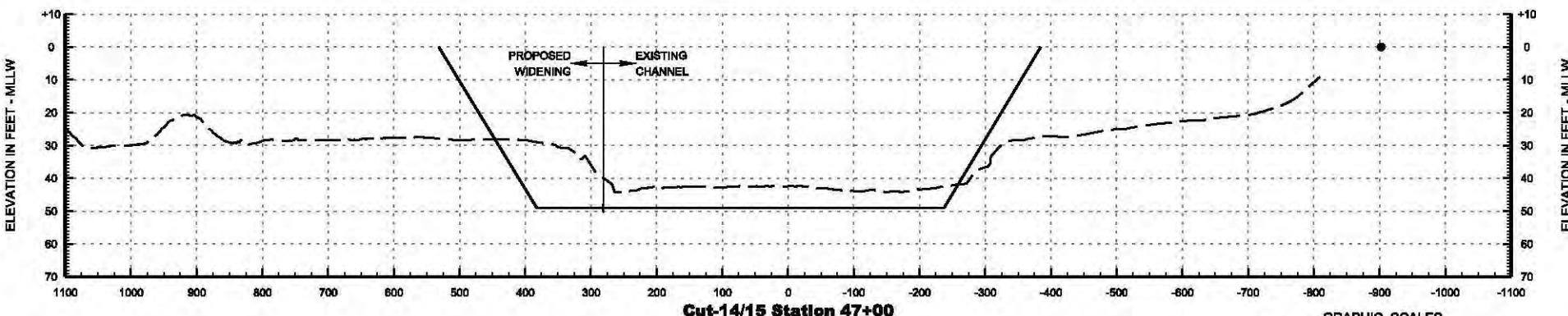
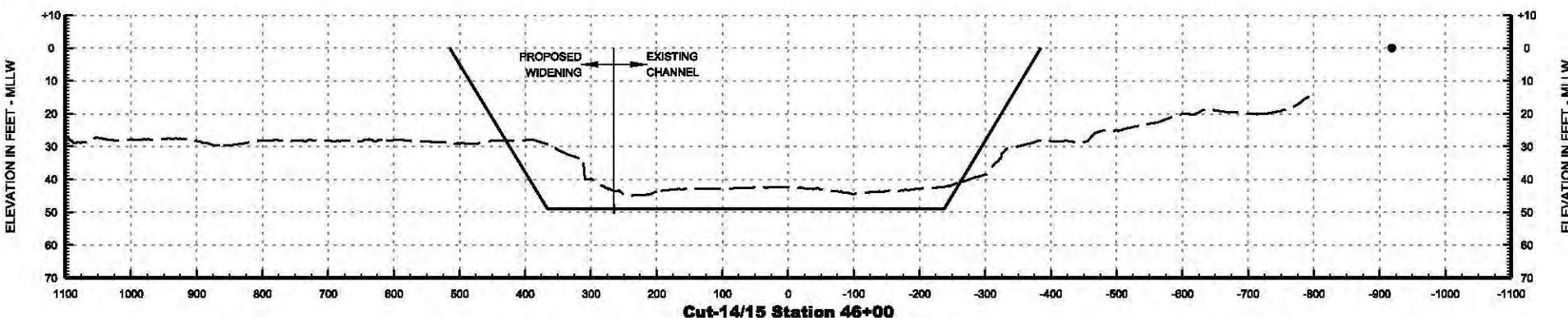
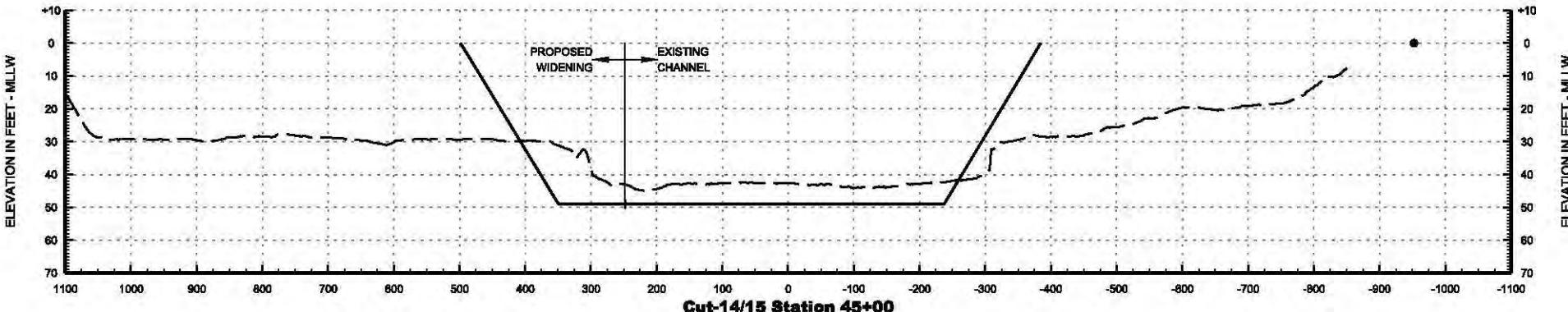
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CUT-14/15 STATION 42+00 TO 44+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
112



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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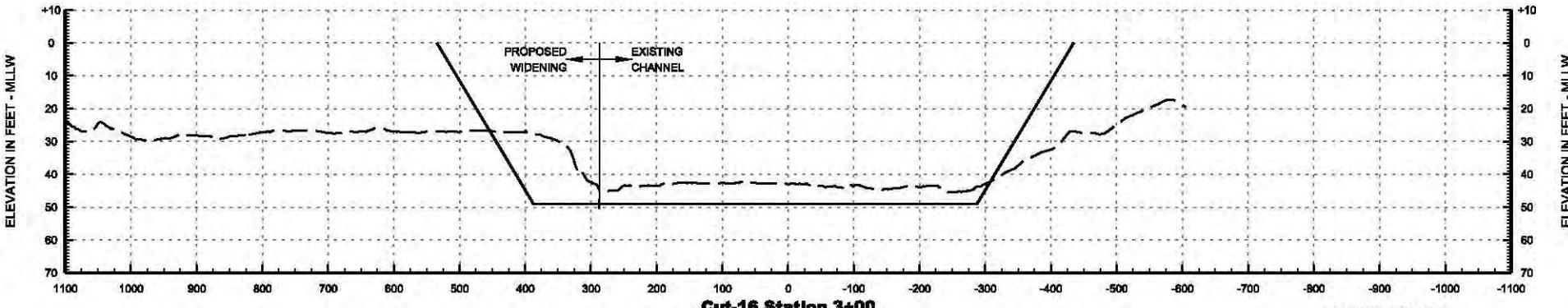
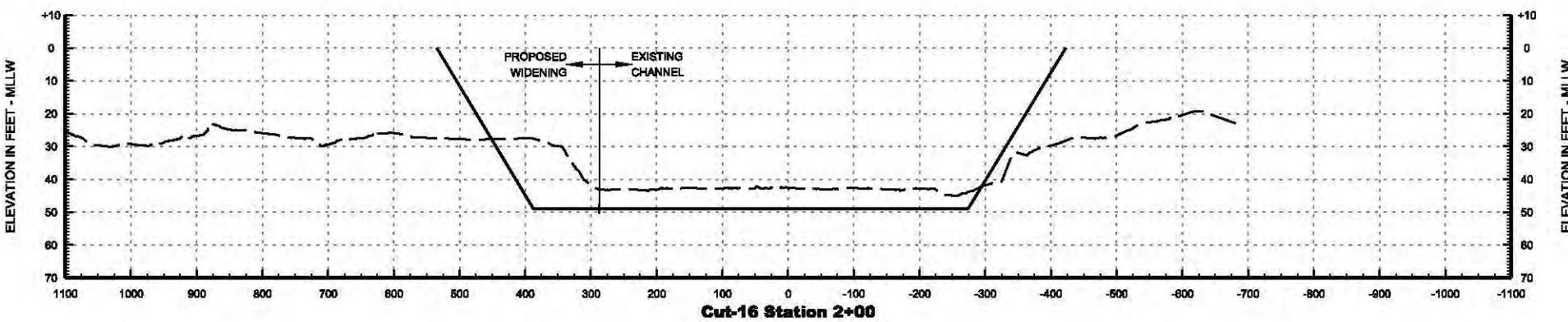
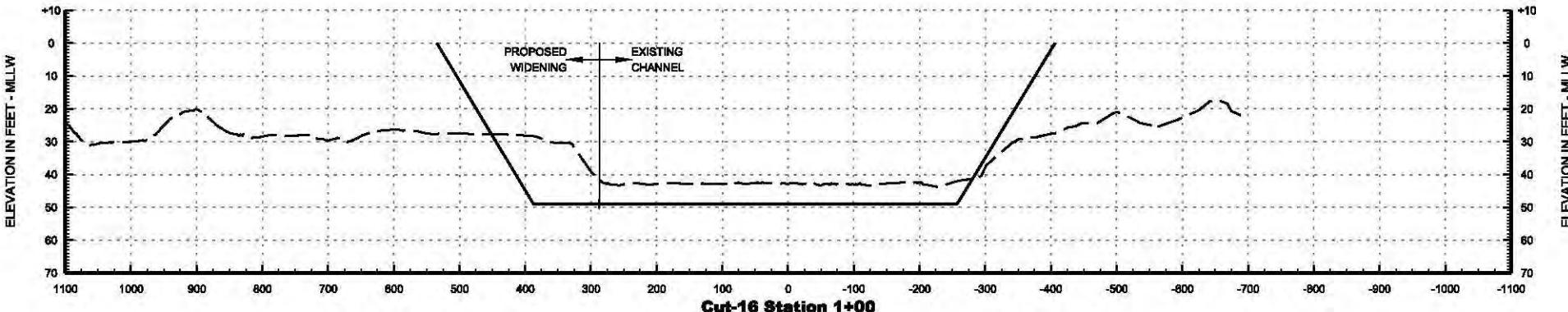
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CUT-14/15 STATION 45+00 TO 47+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
113



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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Jacksonville District

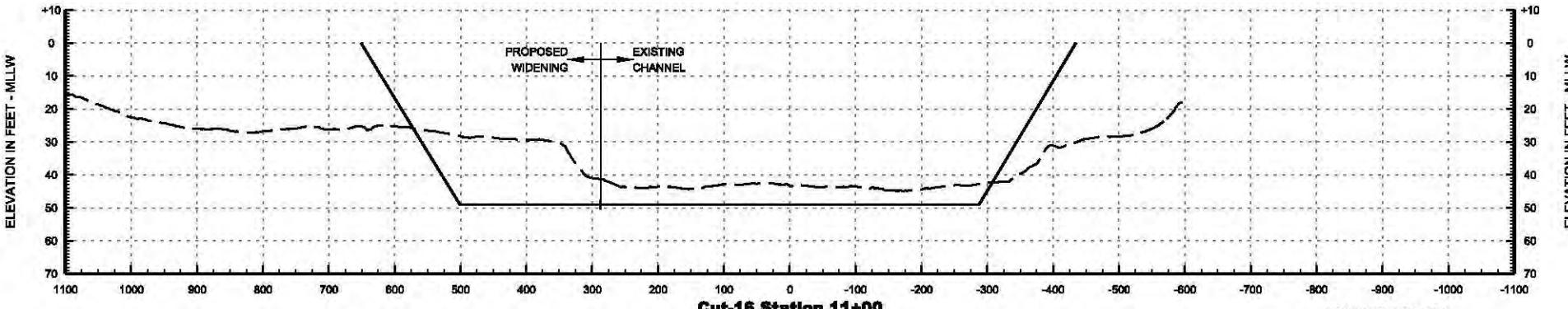
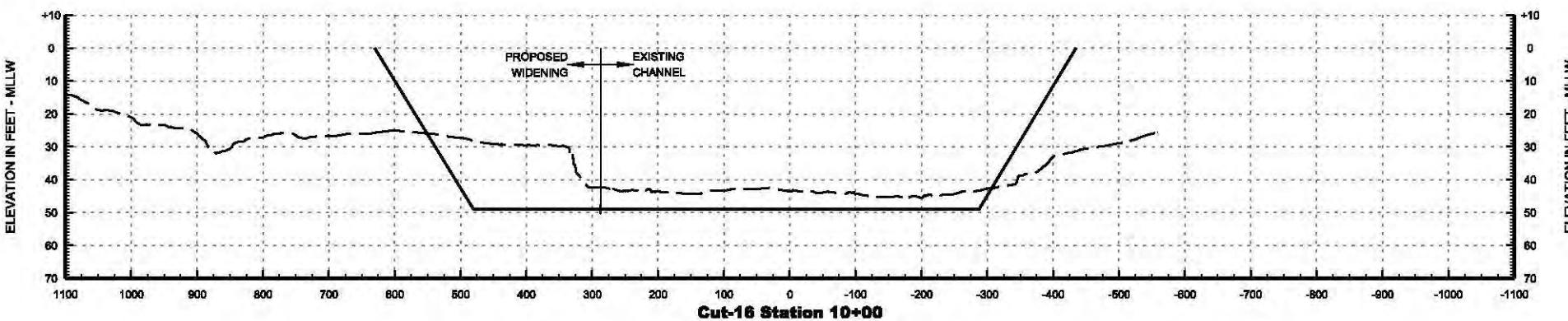
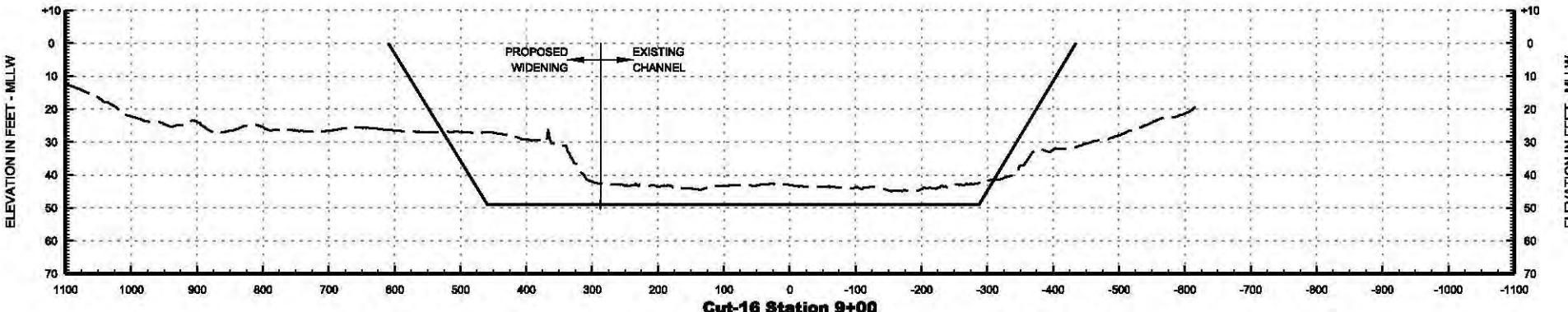
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CUT-16 STATION 1+00 TO 3+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
114



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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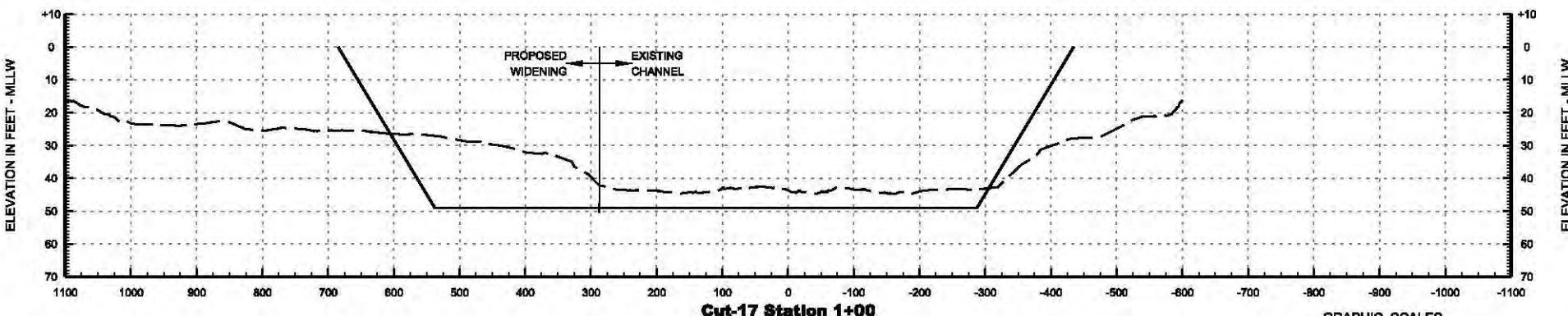
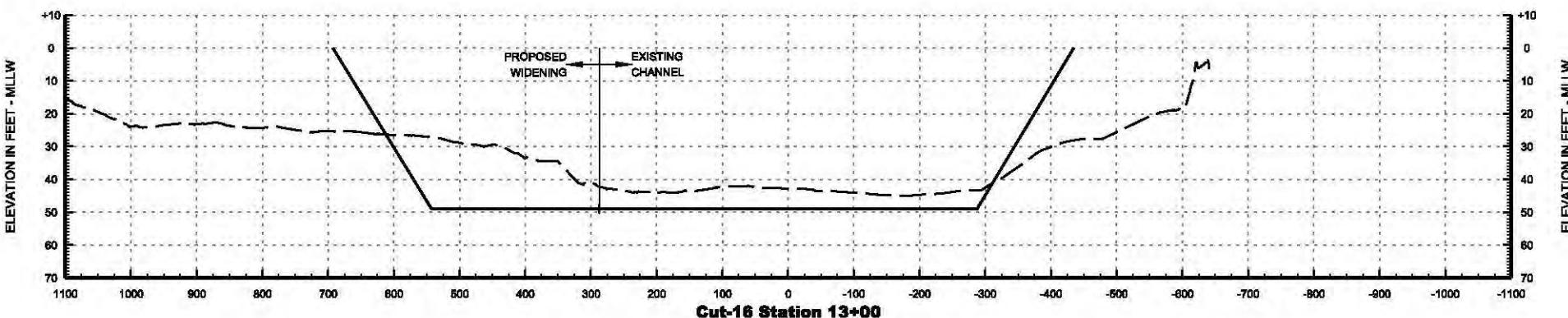
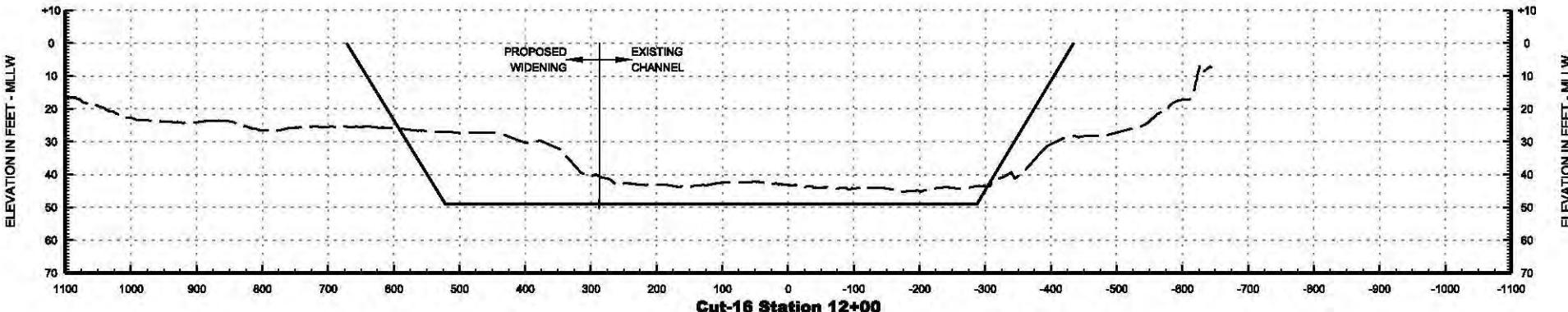
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
115



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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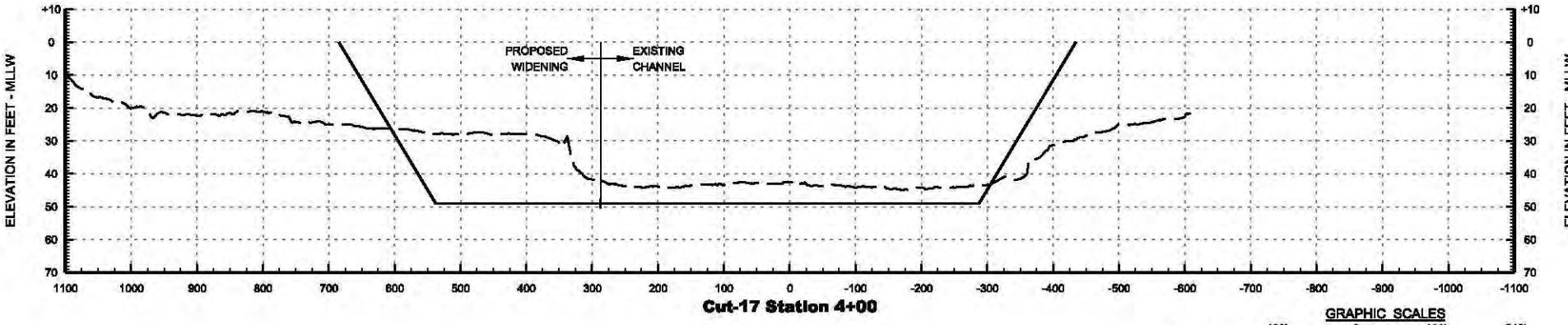
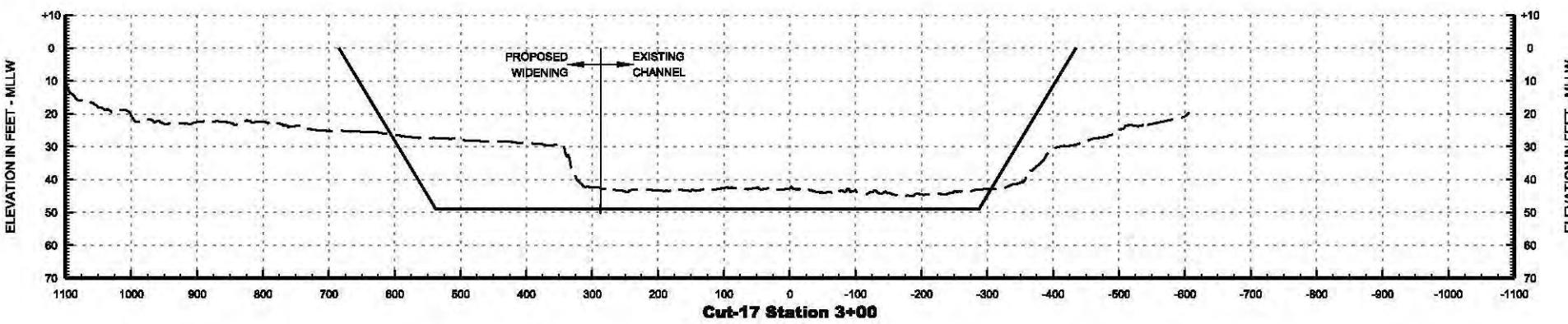
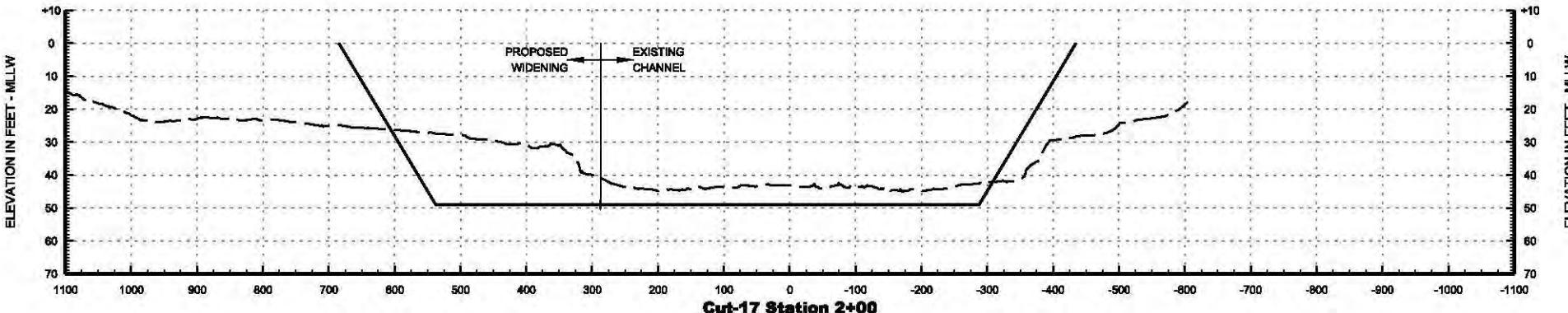
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
116



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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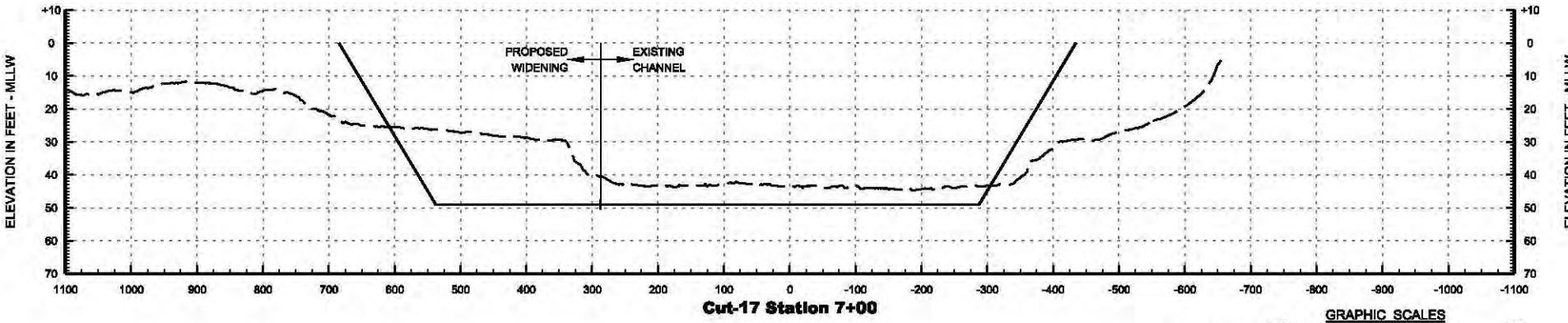
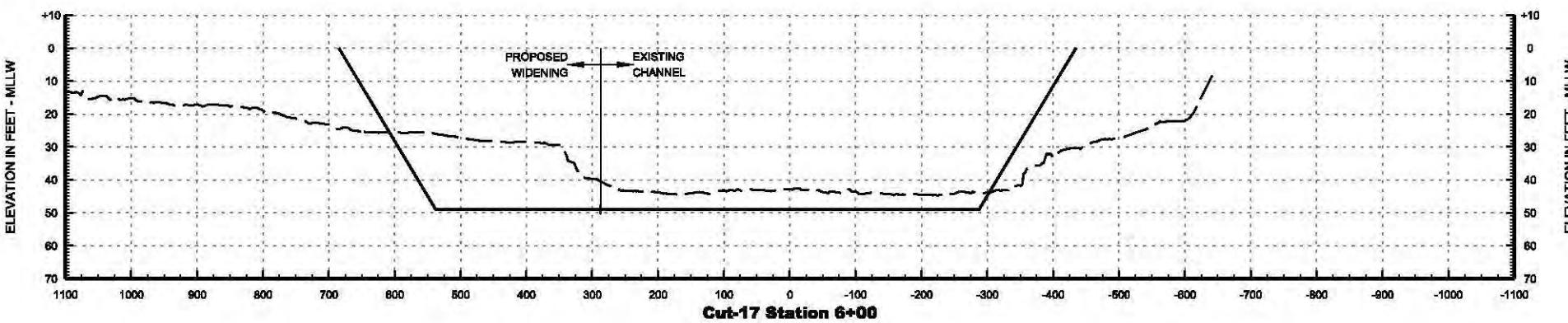
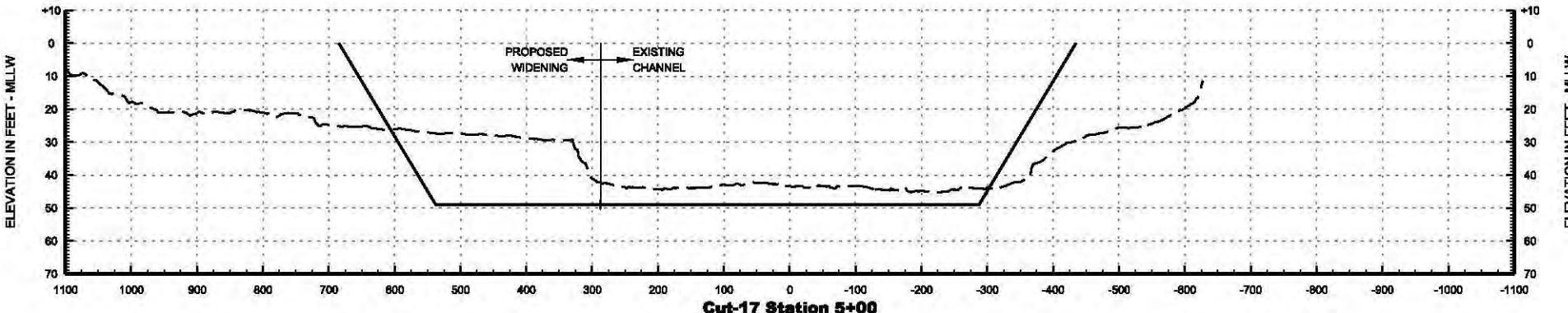
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
117



GRAPHIC SCALES

| | | | | |
|------------|------|---|------|------|
| HORIZONTAL | 120' | 0 | 120' | 240' |
| VERTICAL | 24' | 0 | 24' | 48' |



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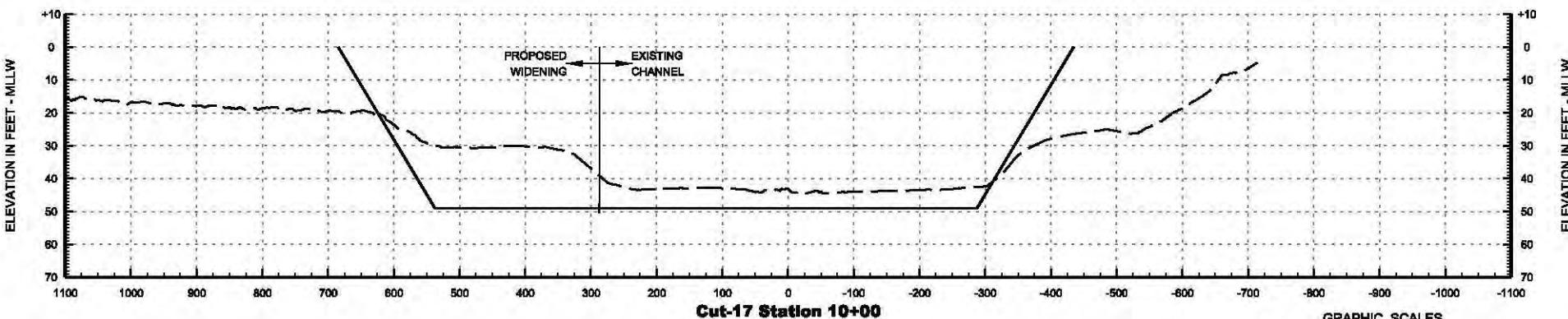
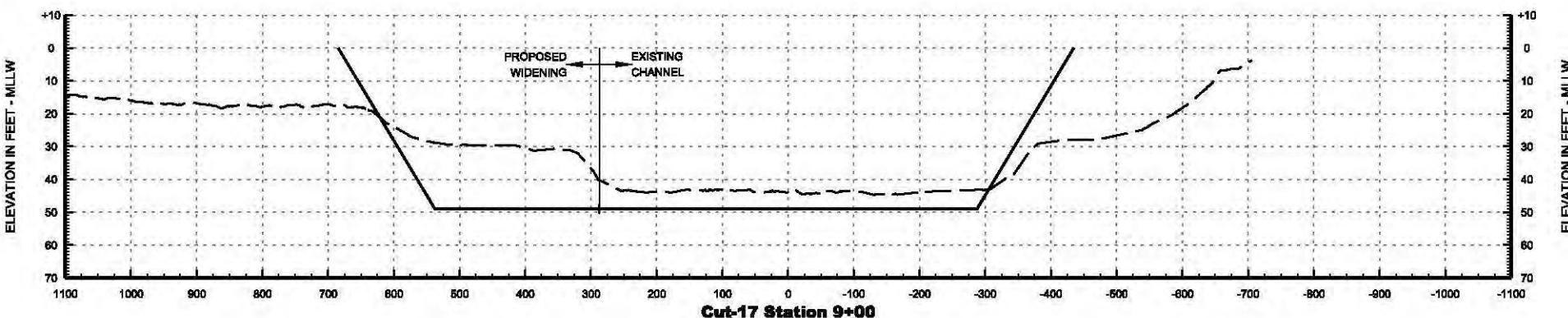
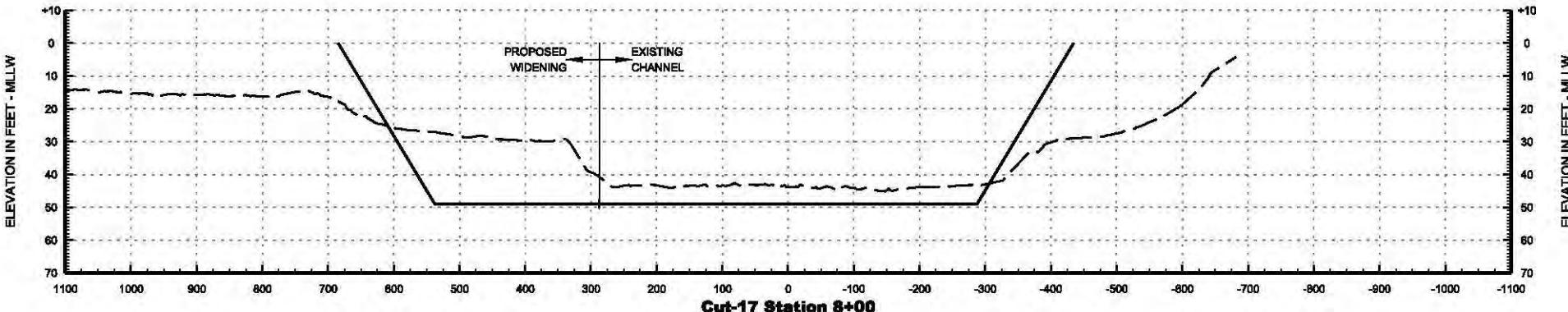
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
118



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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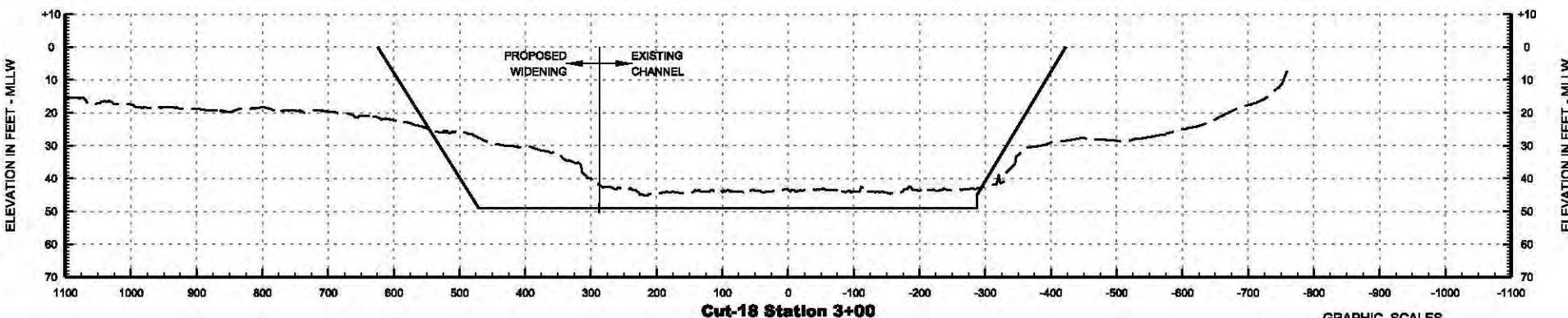
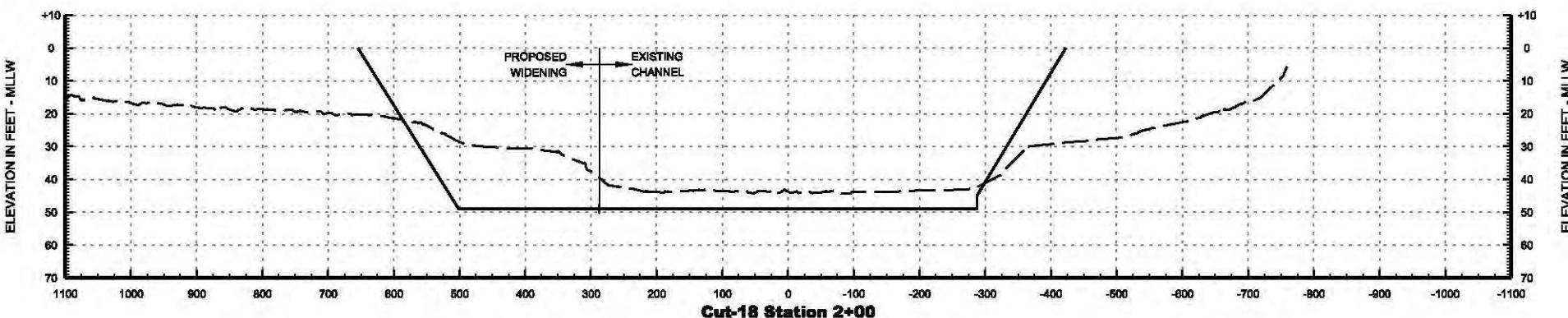
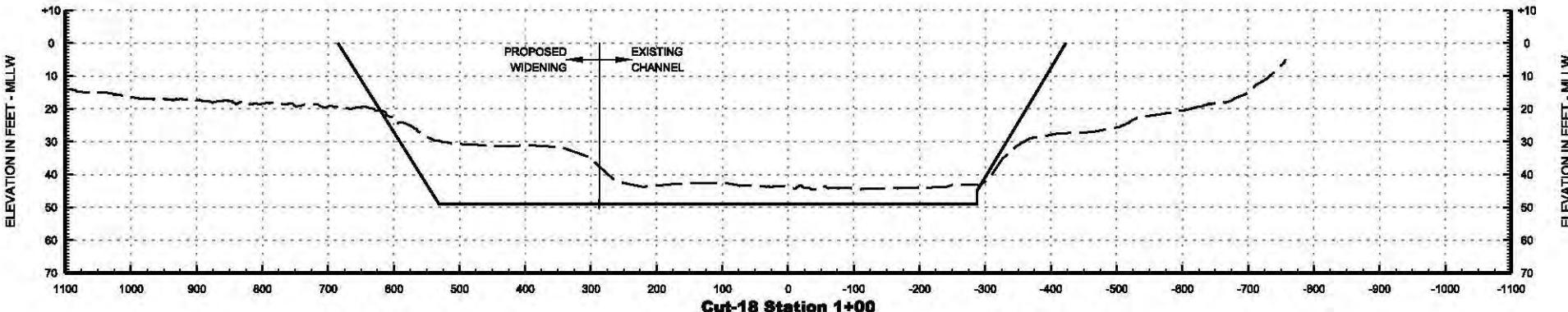
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
119



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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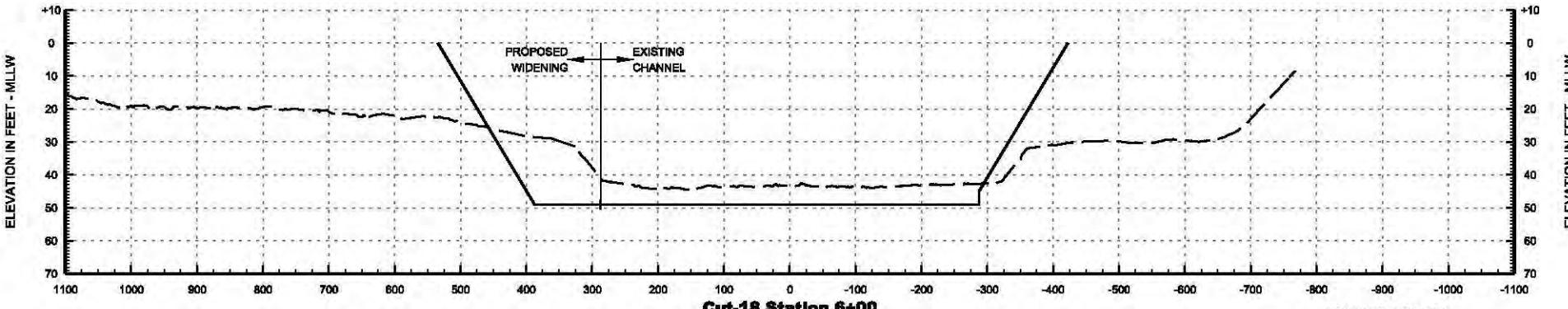
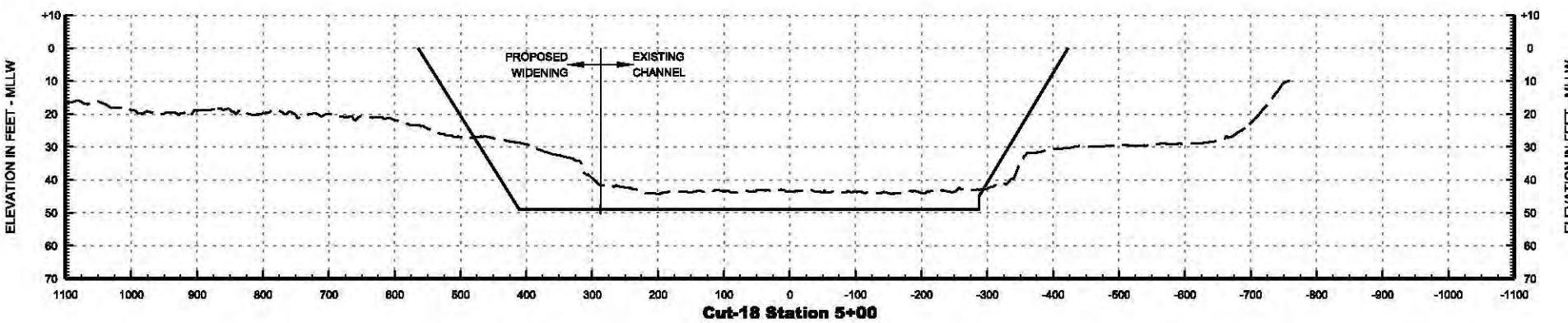
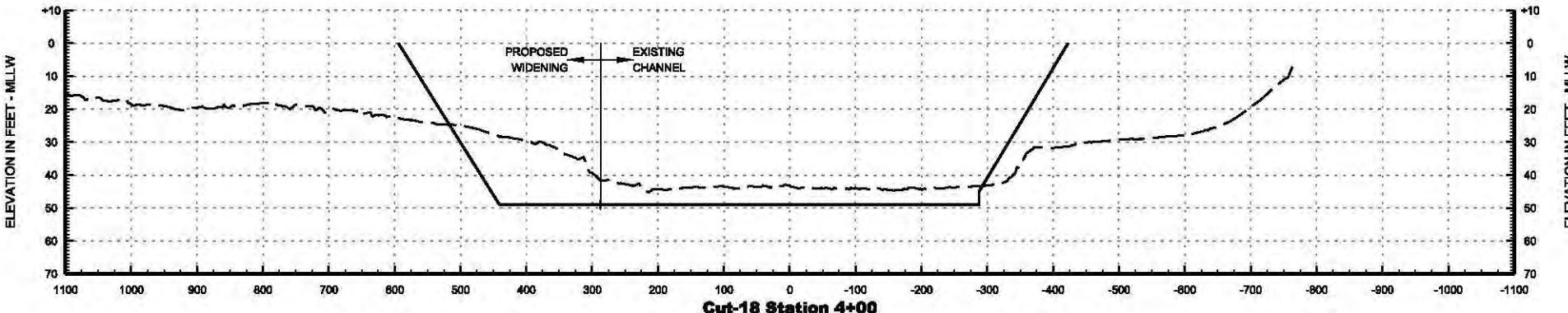
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
120



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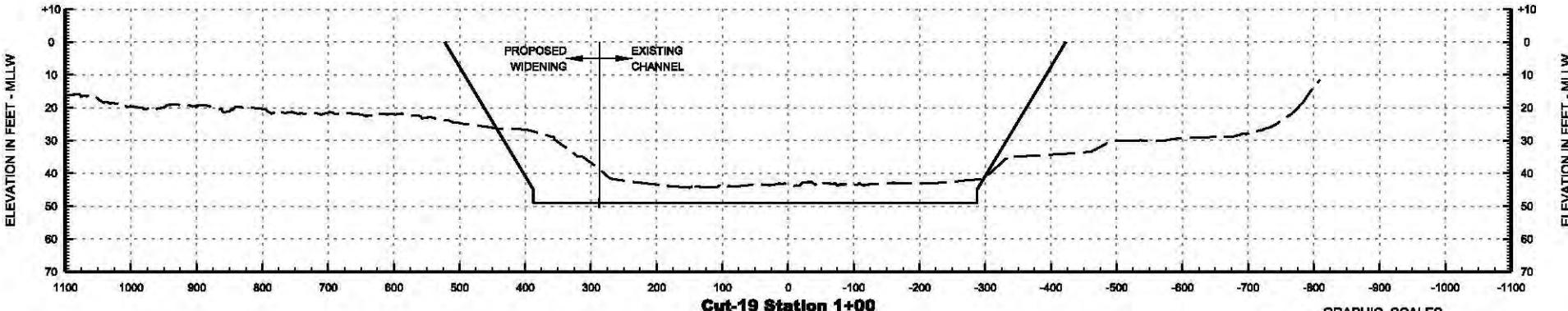
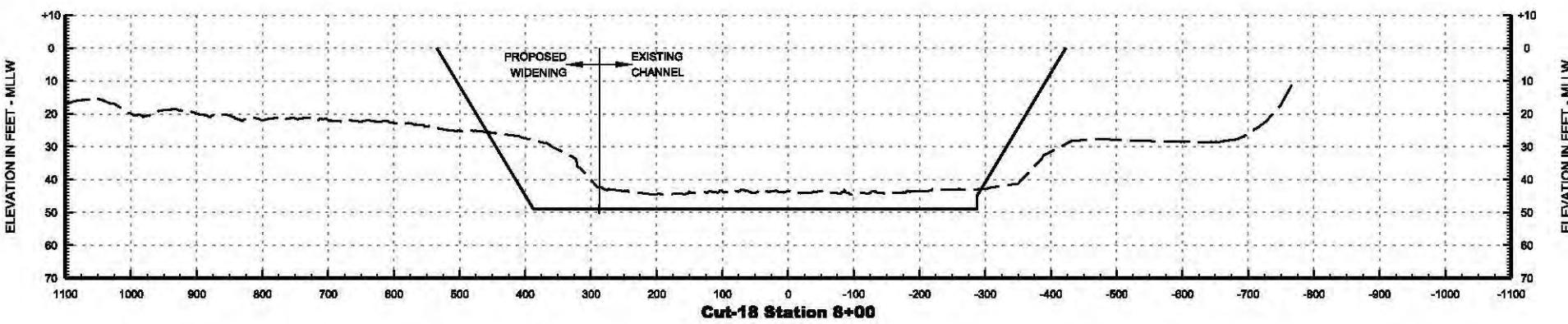
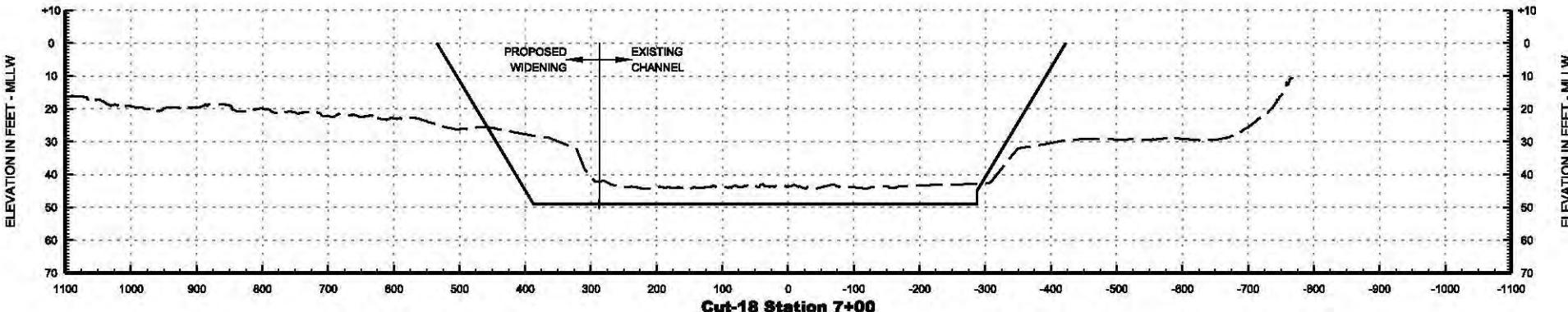
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
121



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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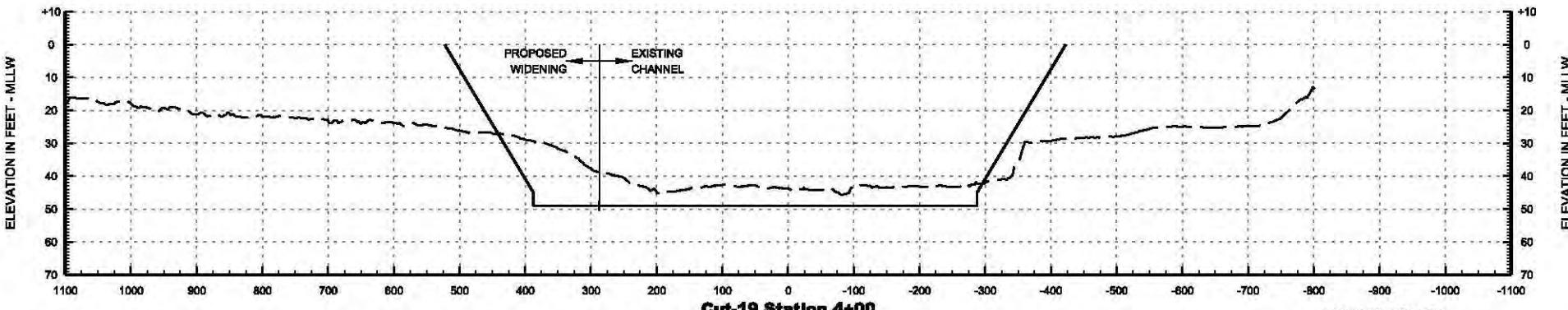
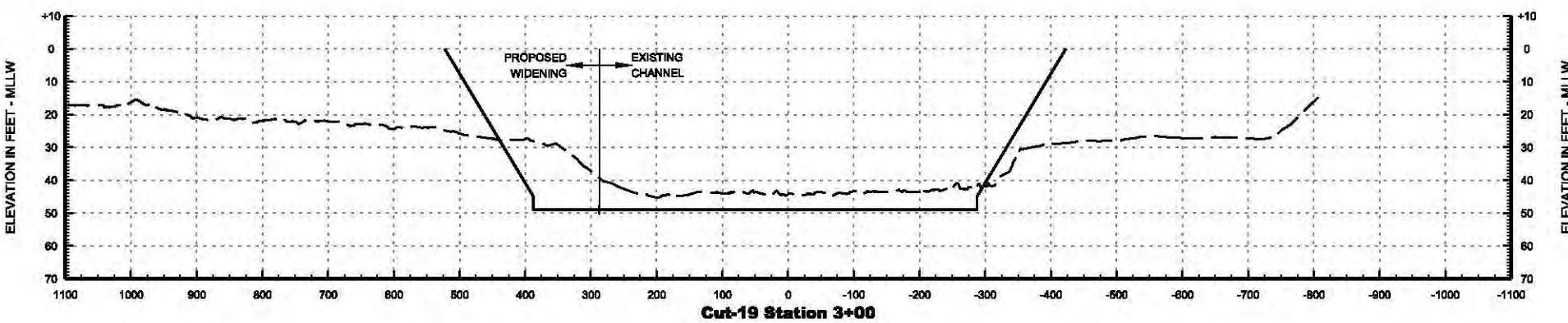
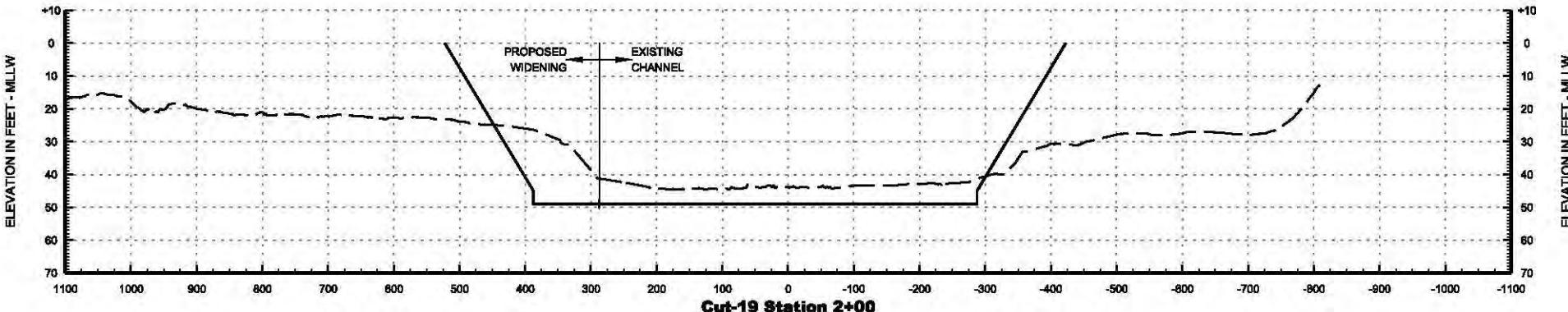
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
122



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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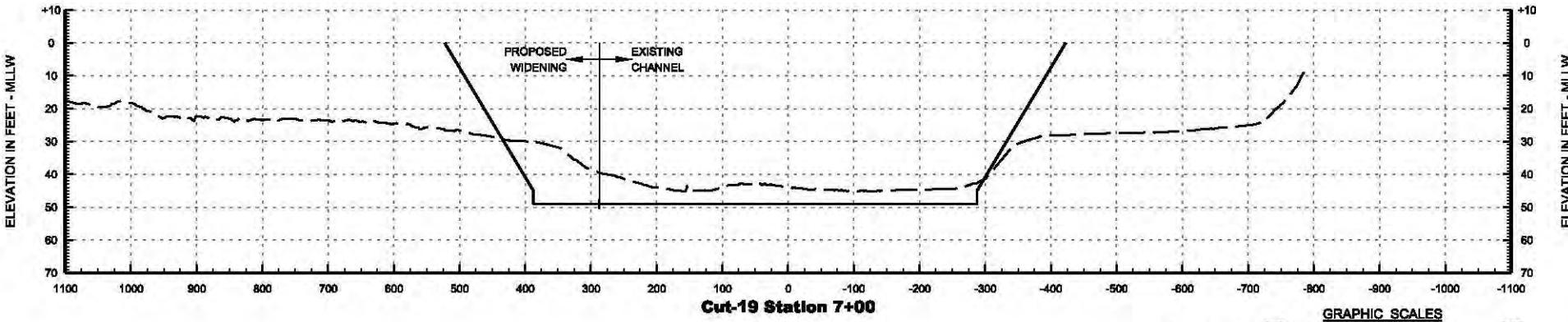
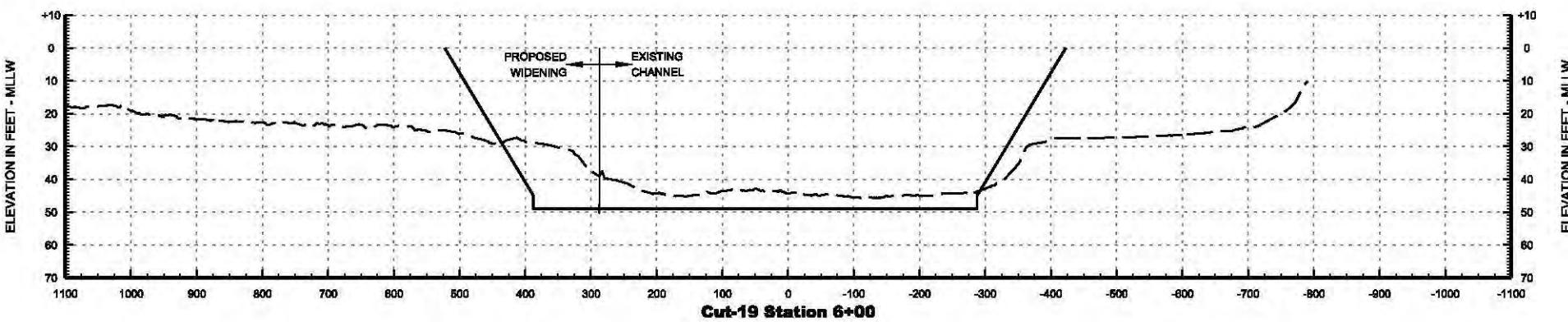
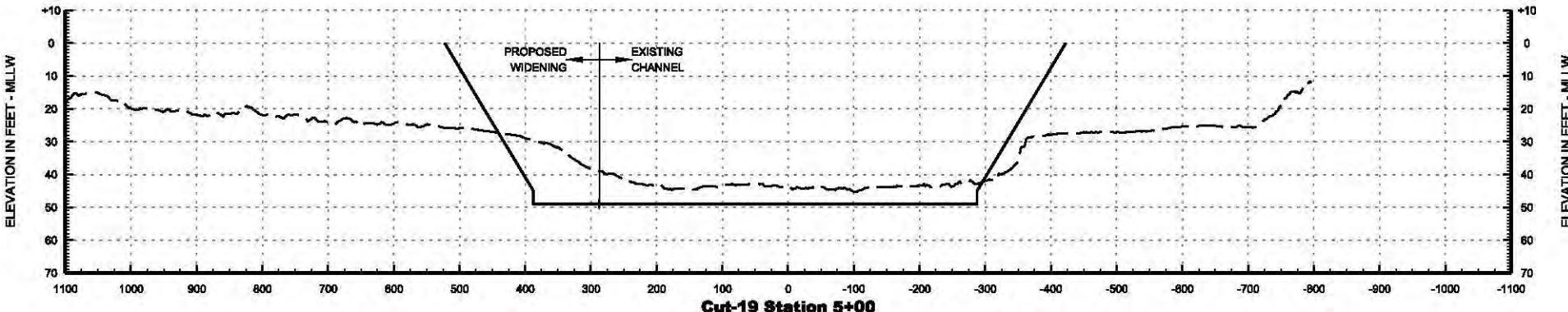
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
123



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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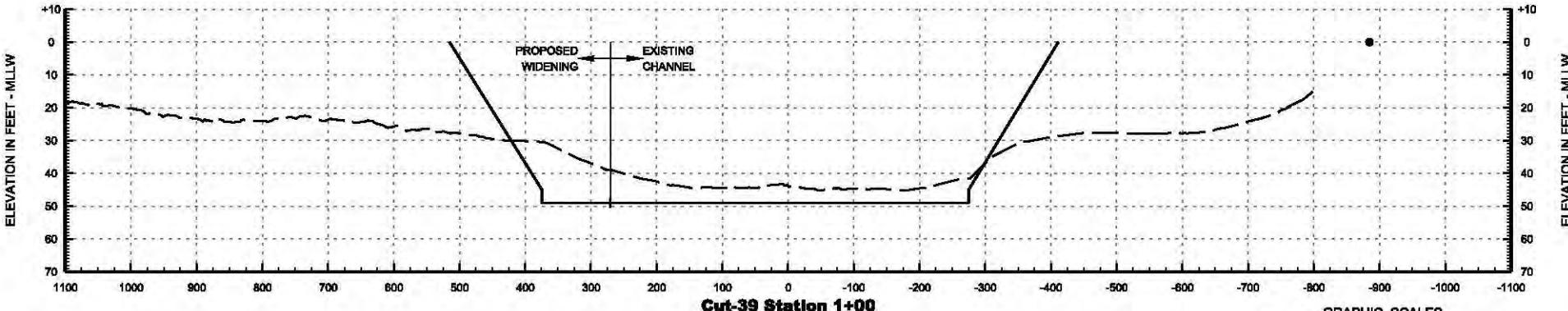
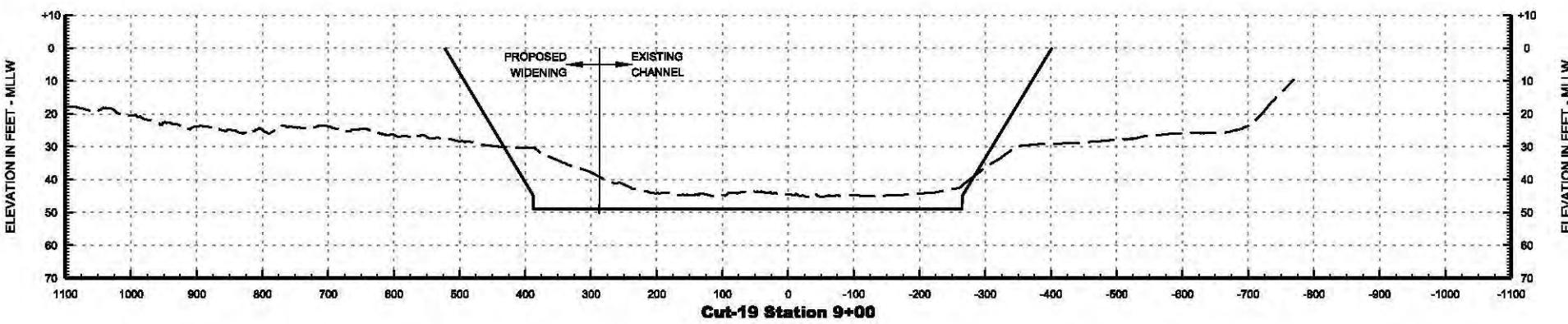
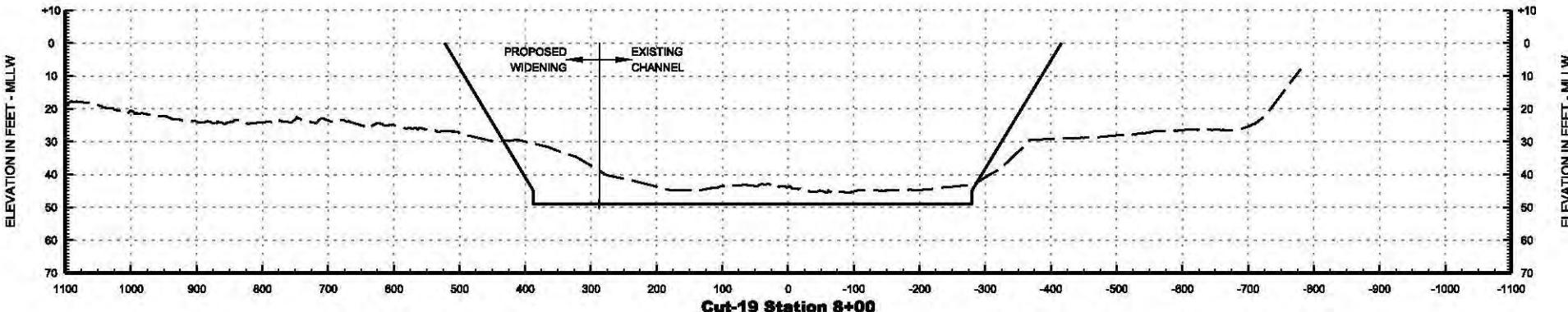
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* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
124



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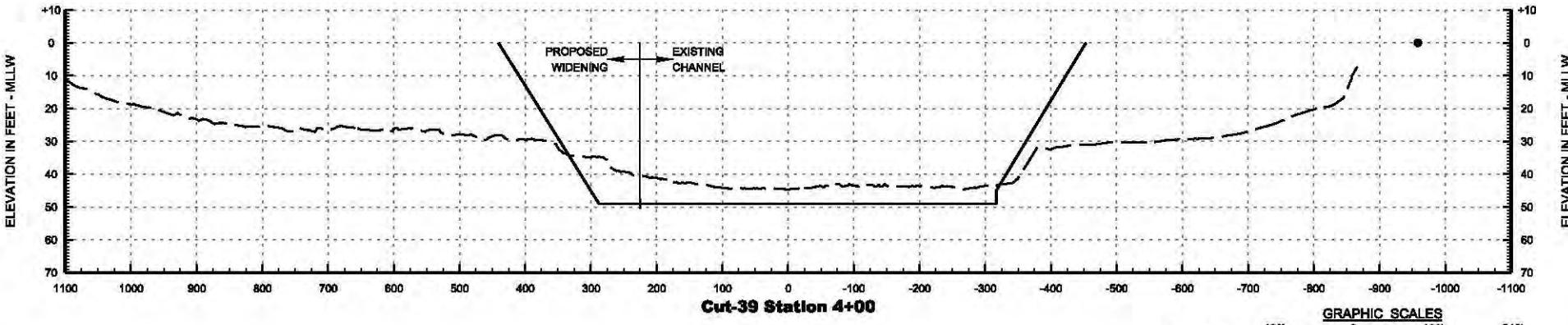
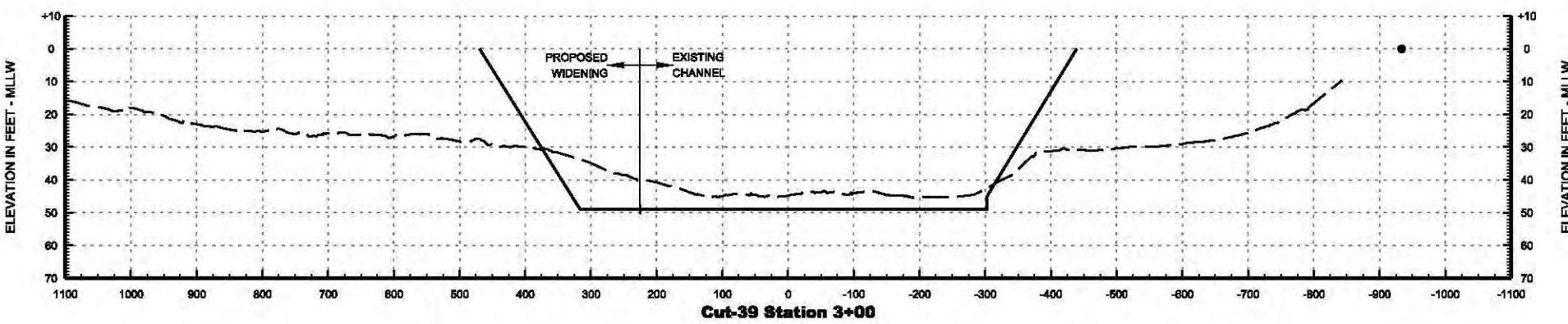
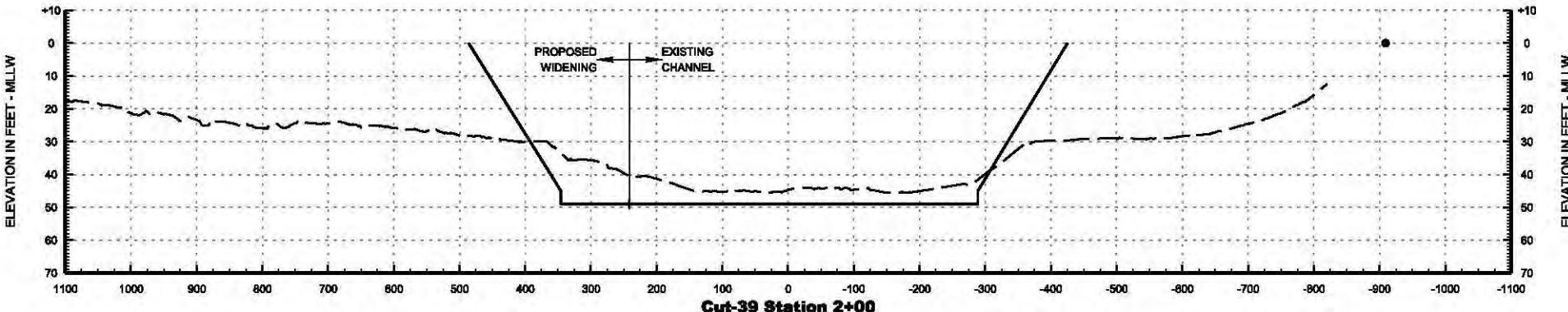
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
125



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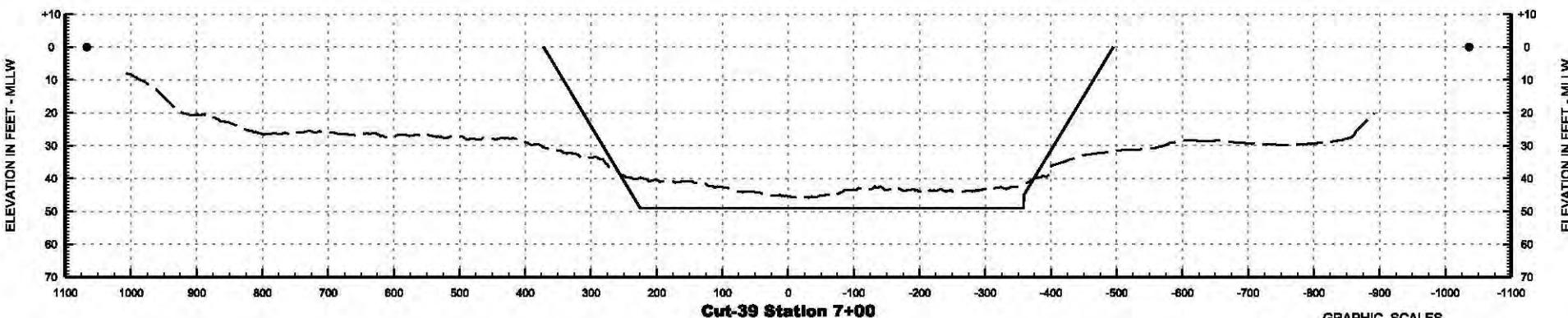
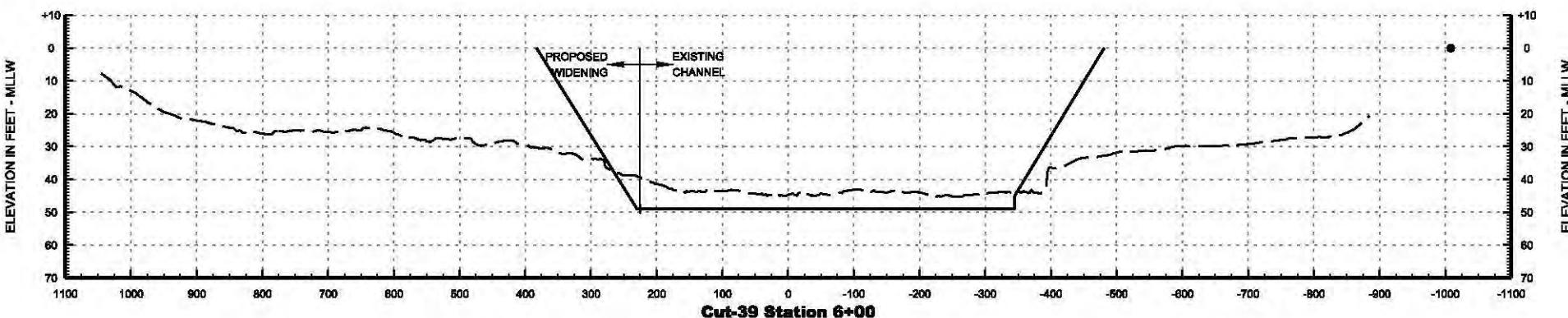
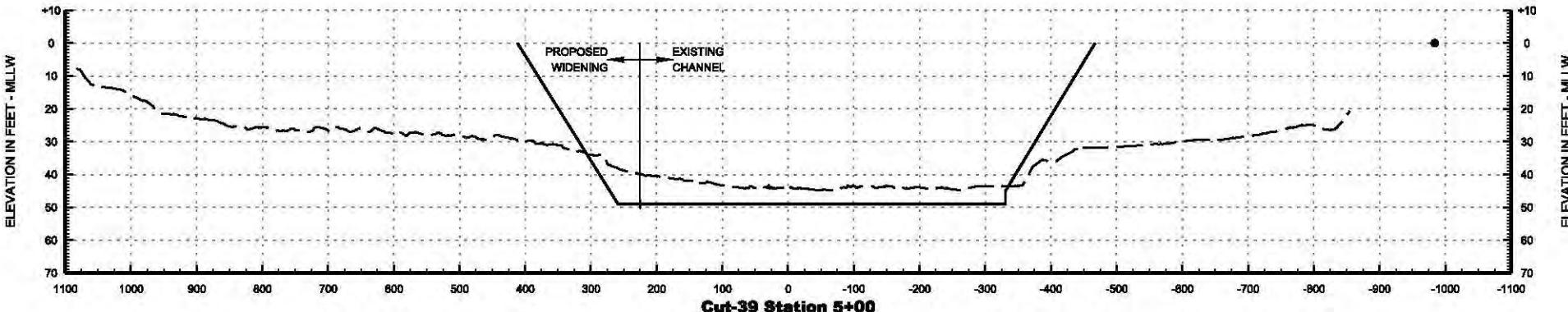
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
126



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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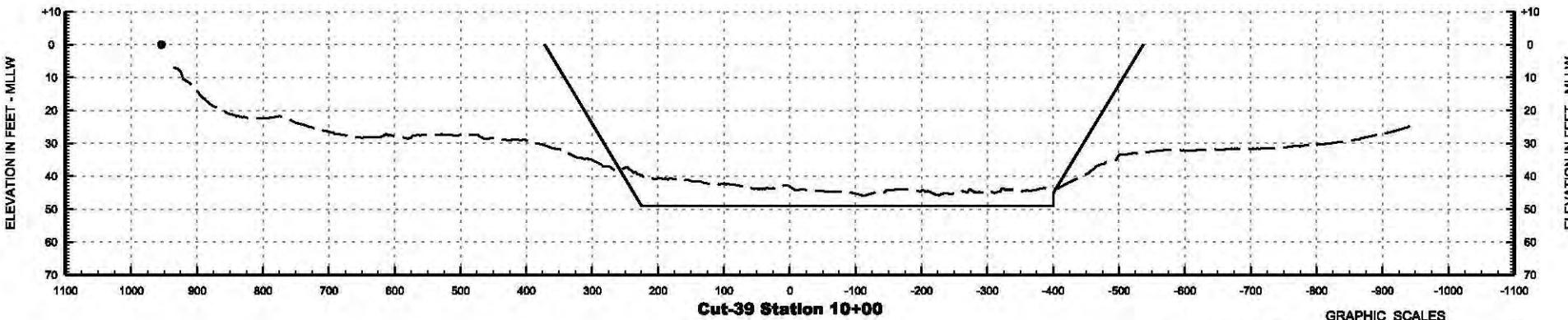
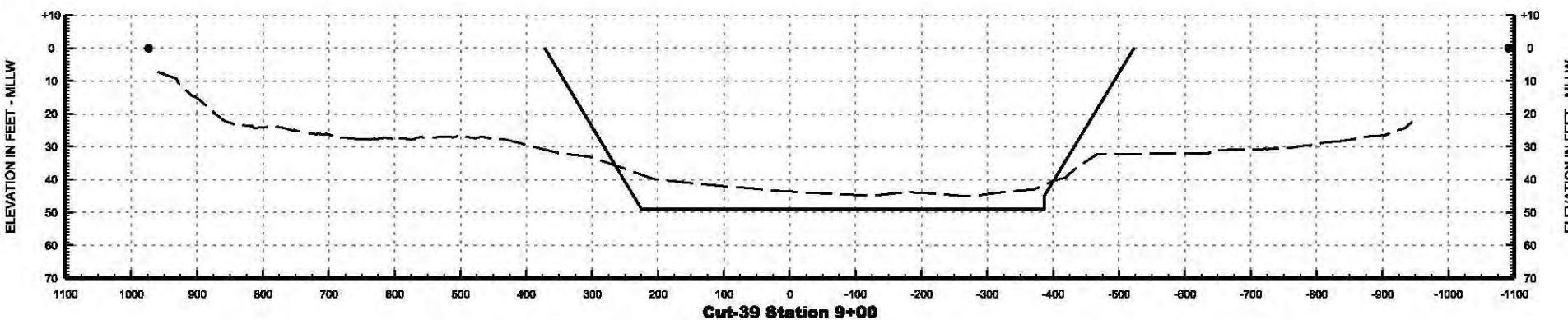
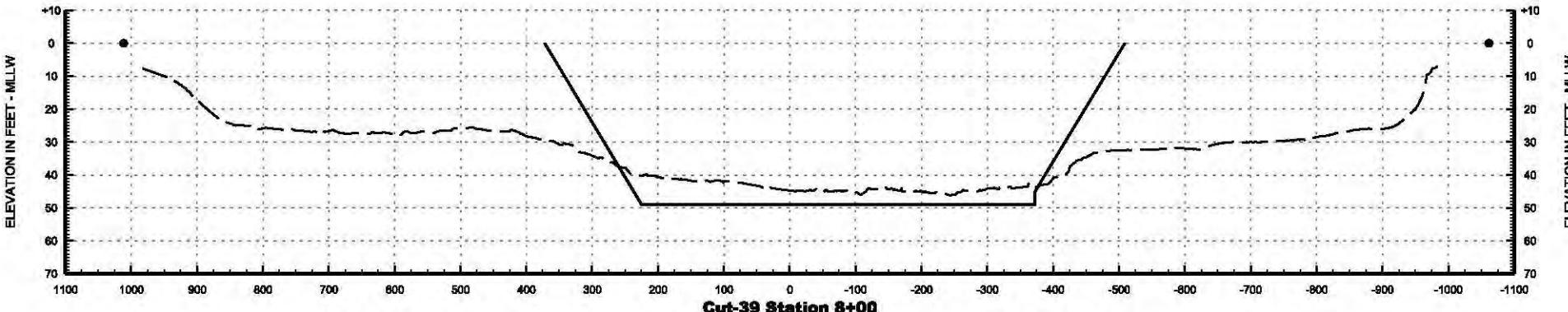
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
127



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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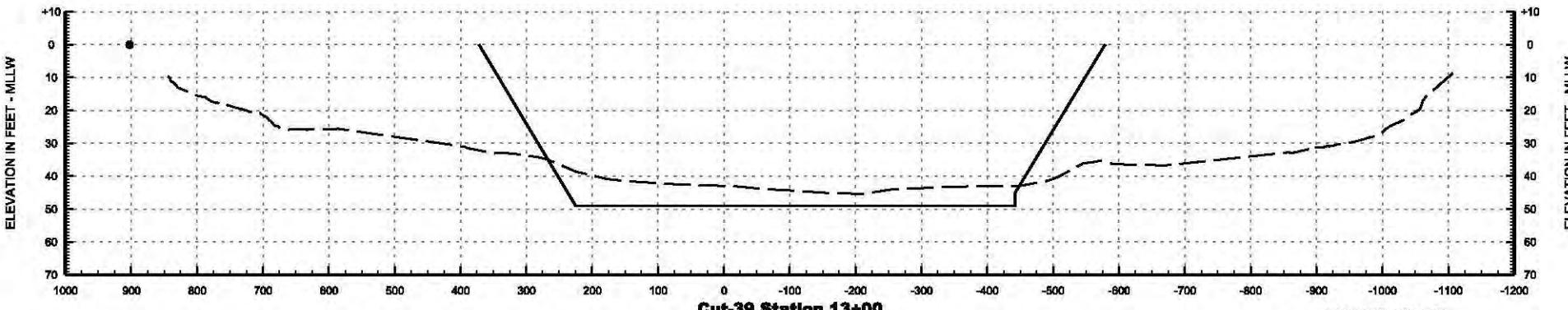
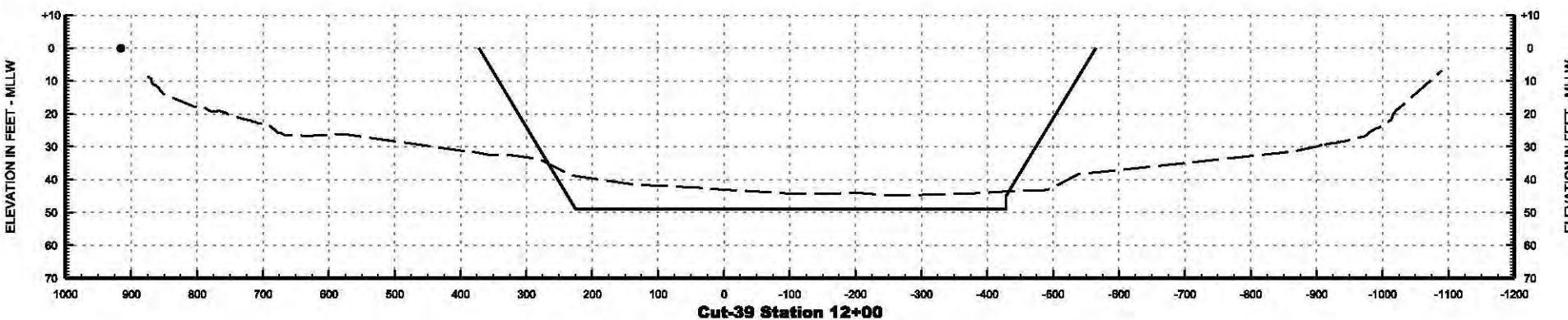
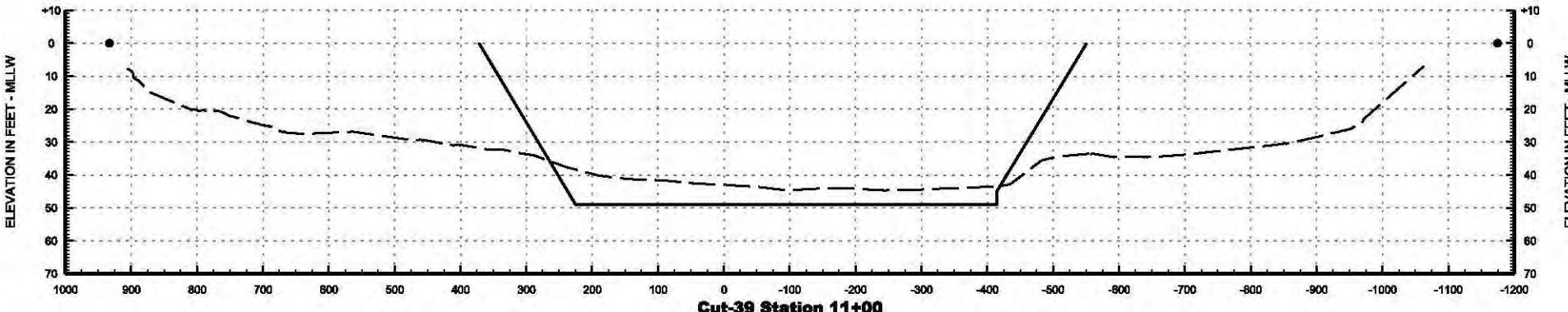
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— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
128



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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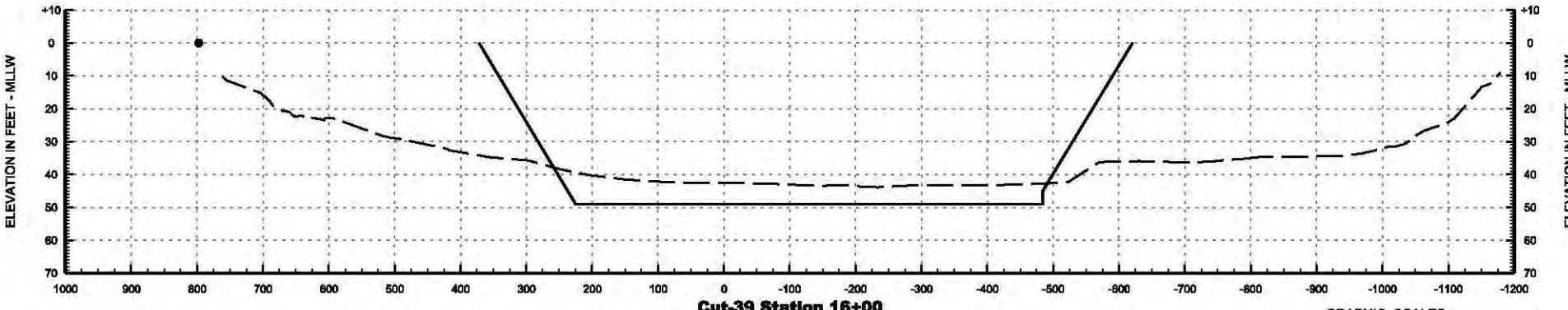
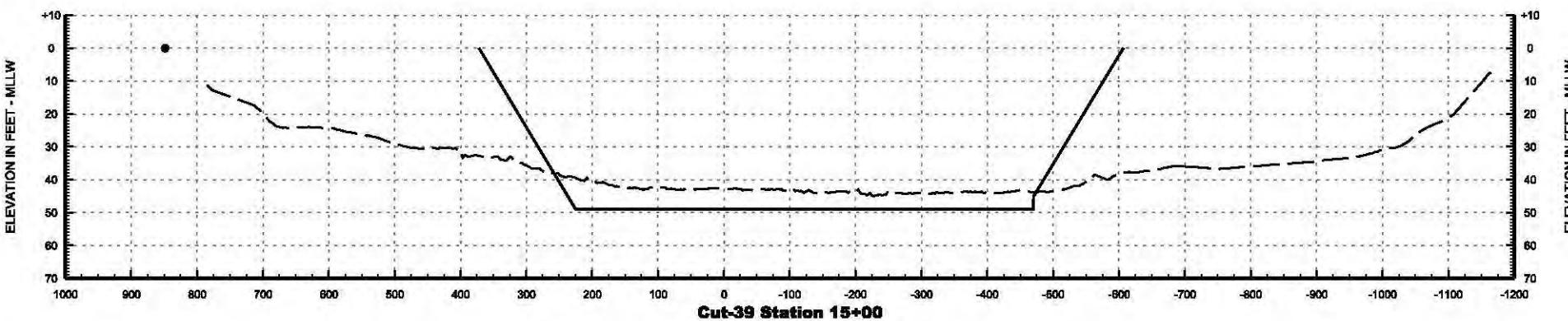
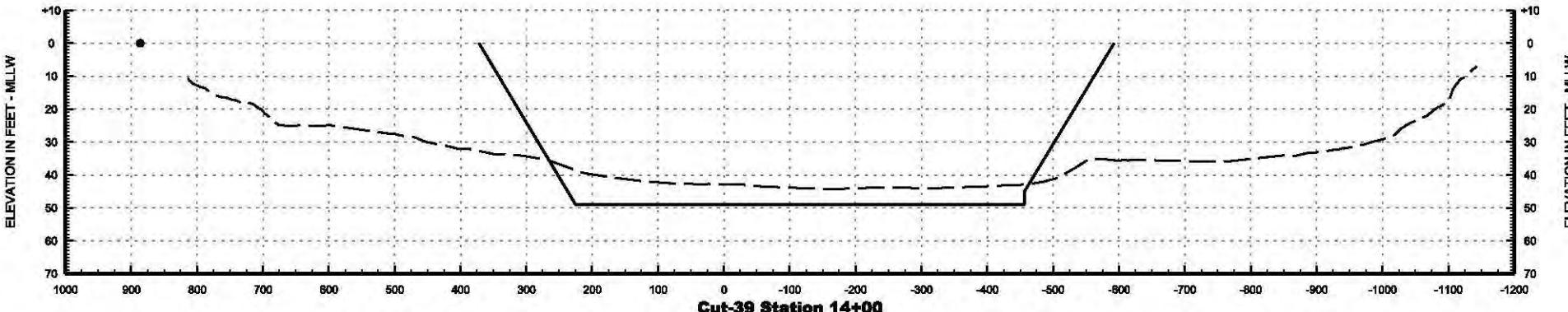
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— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
129



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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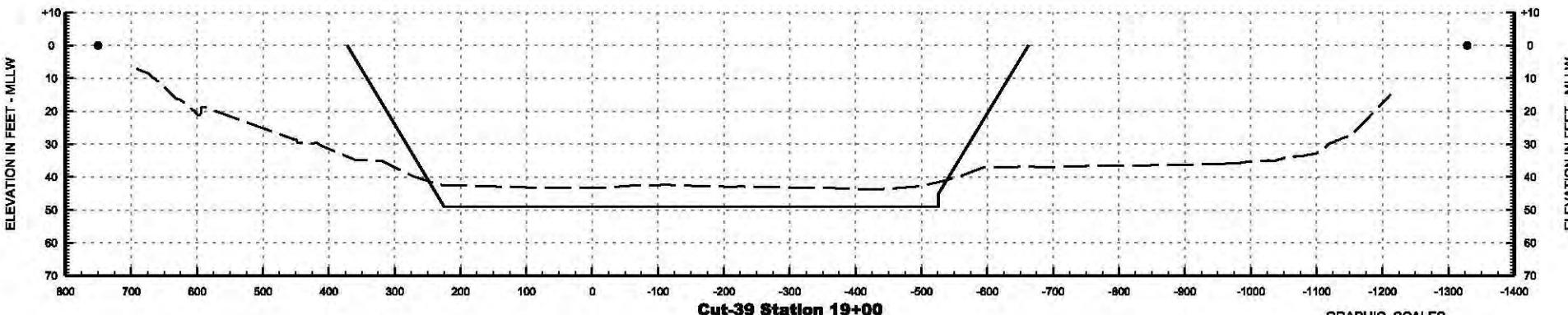
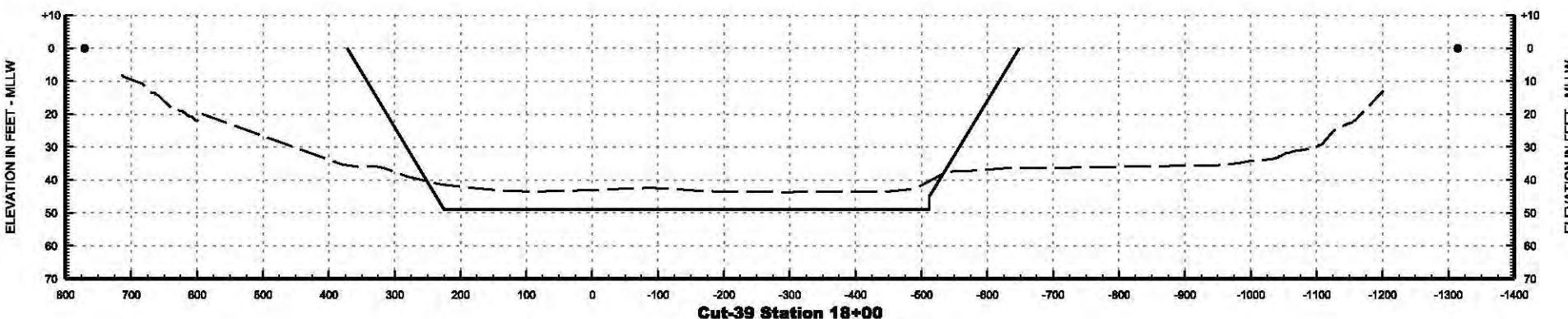
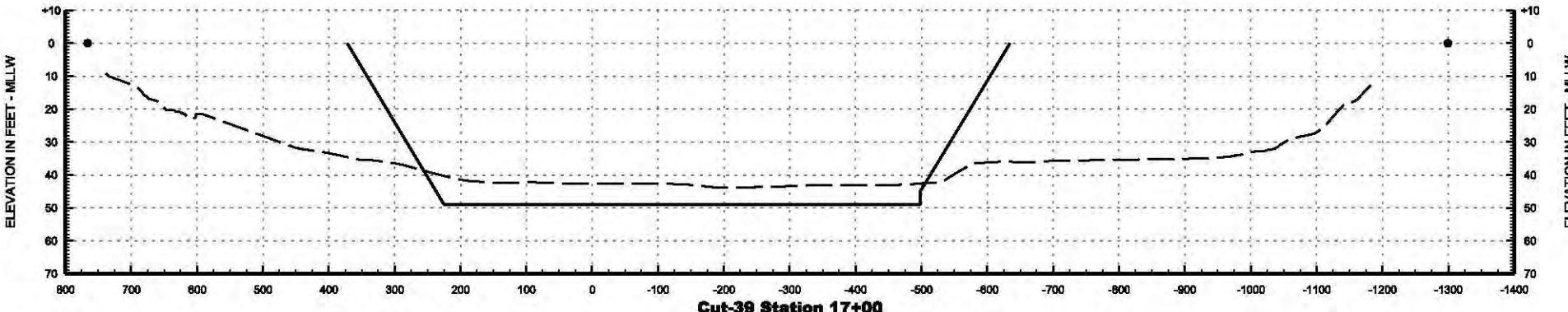
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JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-39 STATION 14+00 TO 16+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
130



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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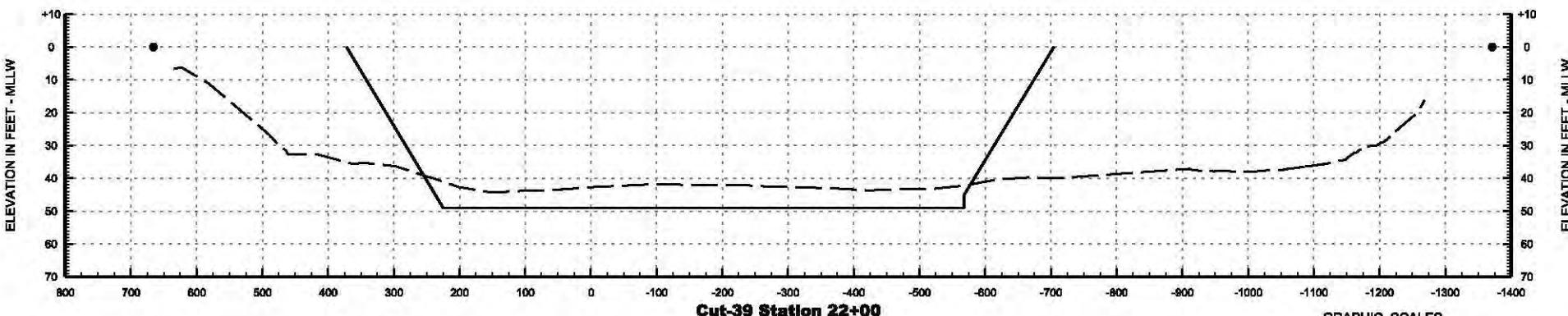
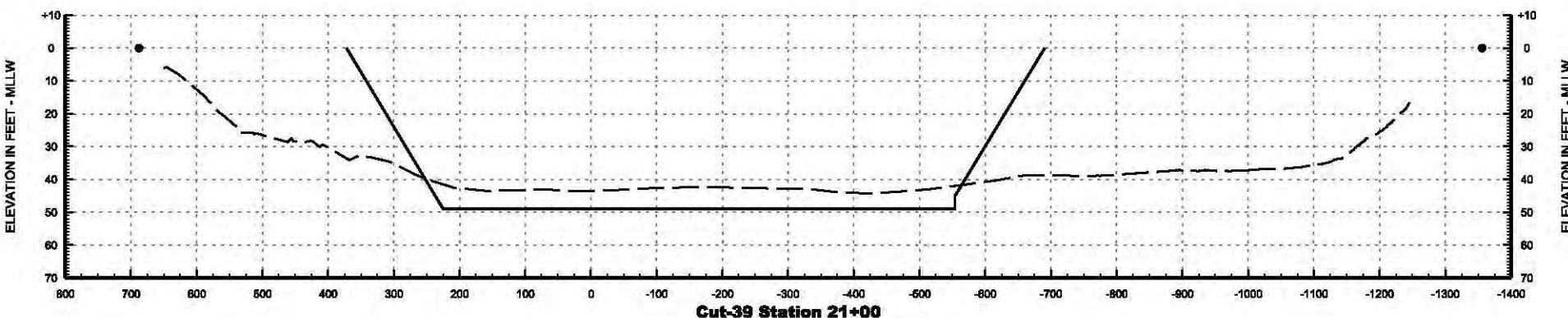
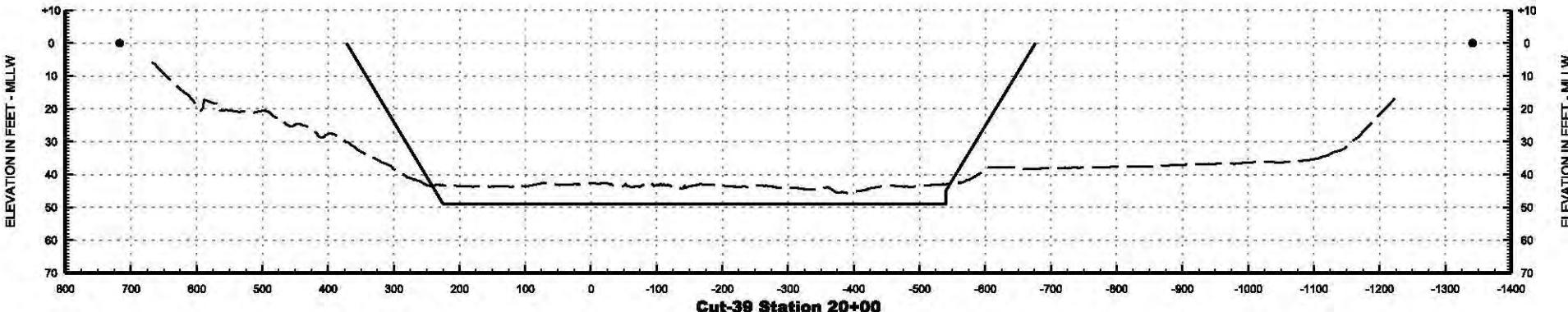
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CUT-39 STATION 17+00 TO 19+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— Existing Ground
— Dredge Template
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
131



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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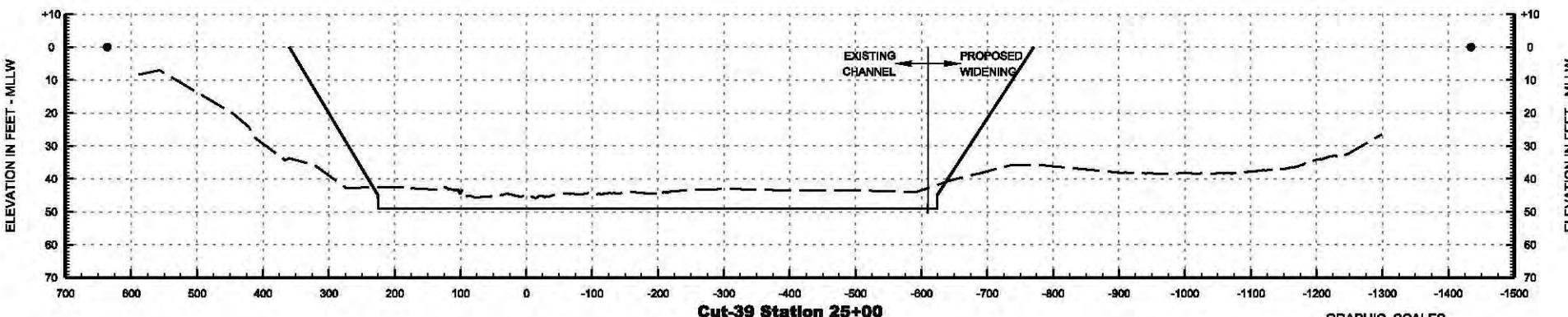
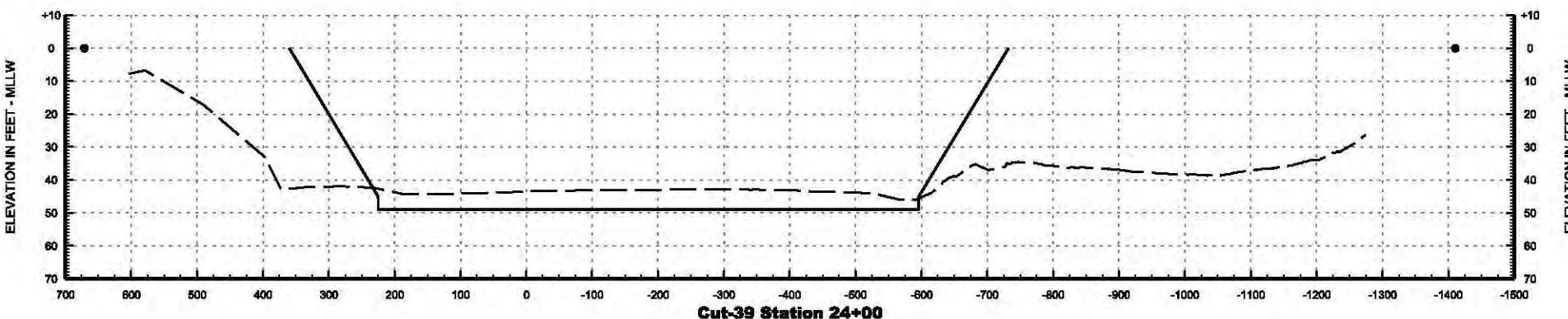
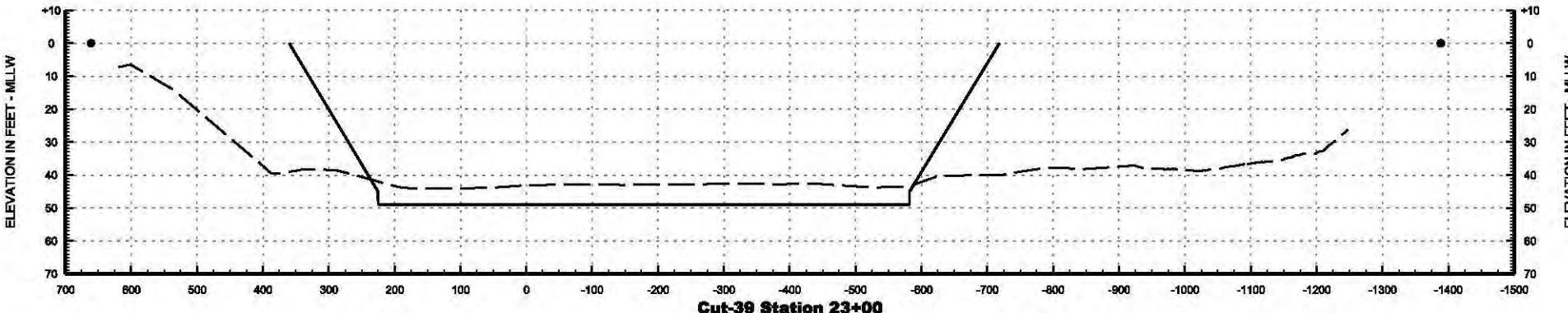
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
132



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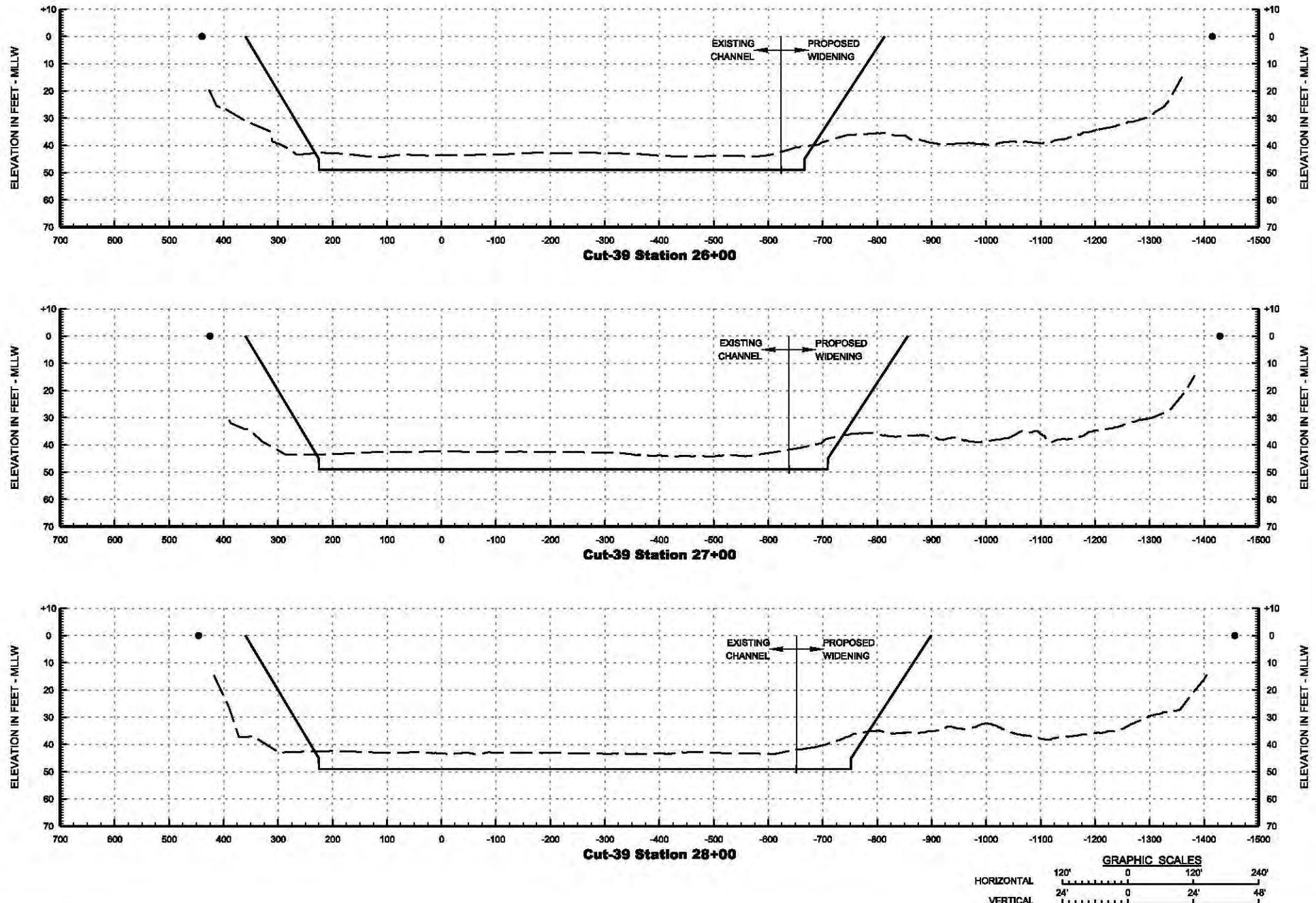
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CUT-39 STATION 23+00 TO 25+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
133



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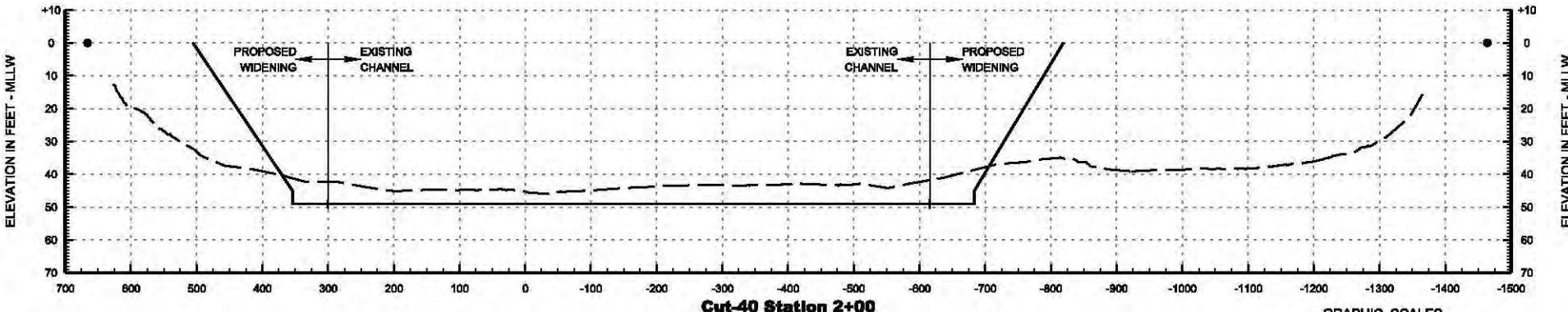
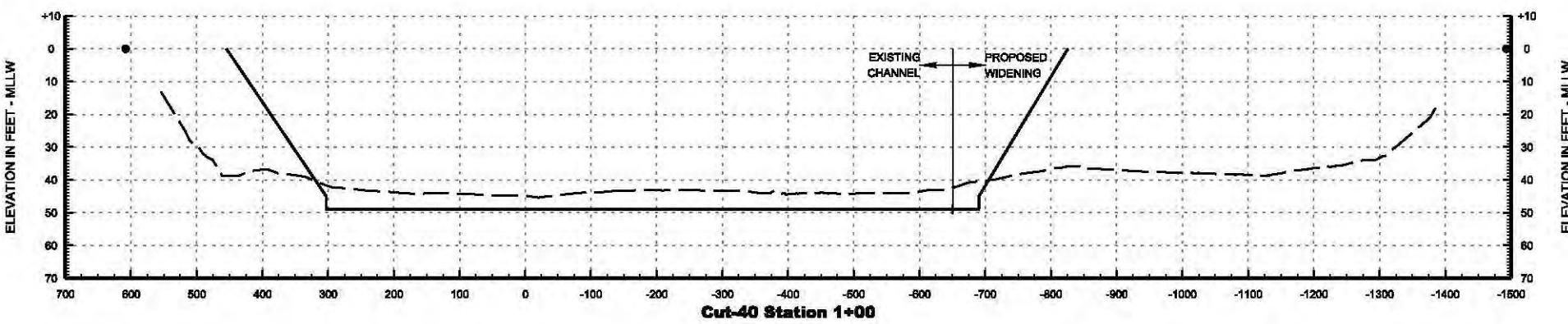
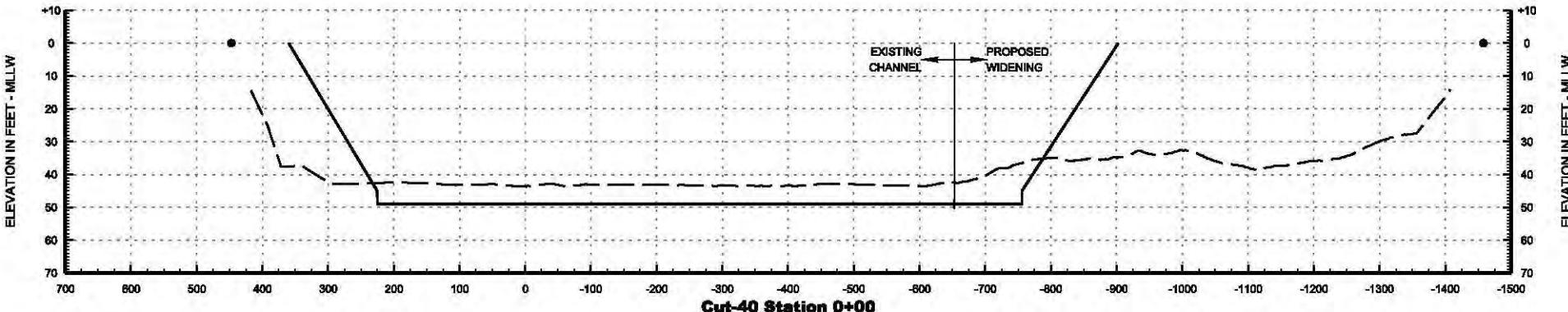
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CUT-39 STATION 26+00 TO 28+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
134



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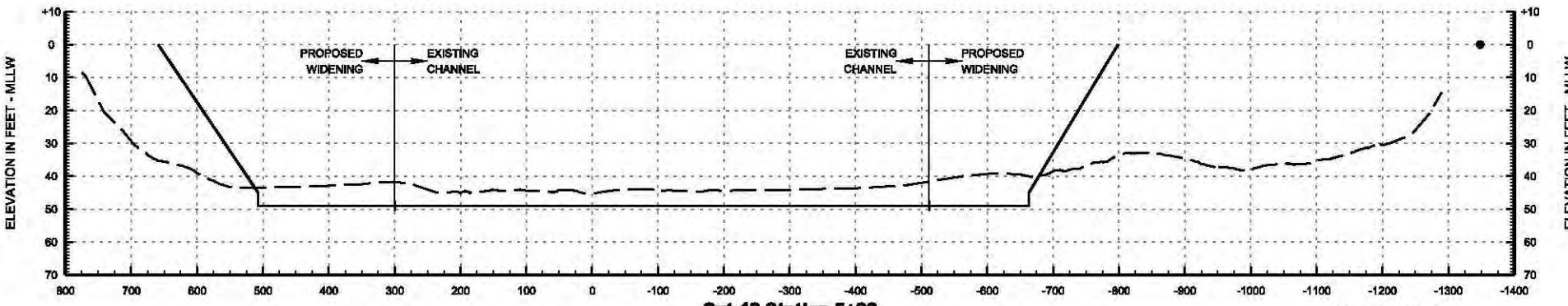
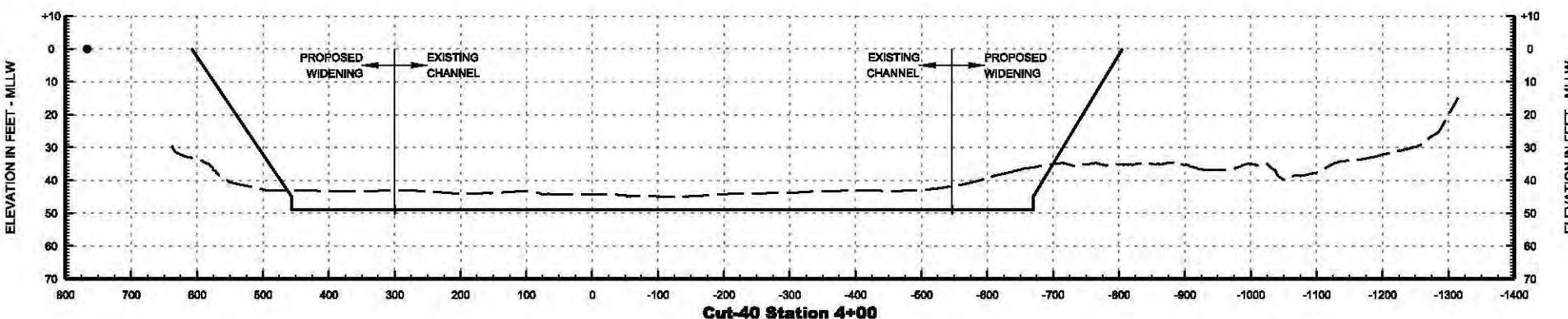
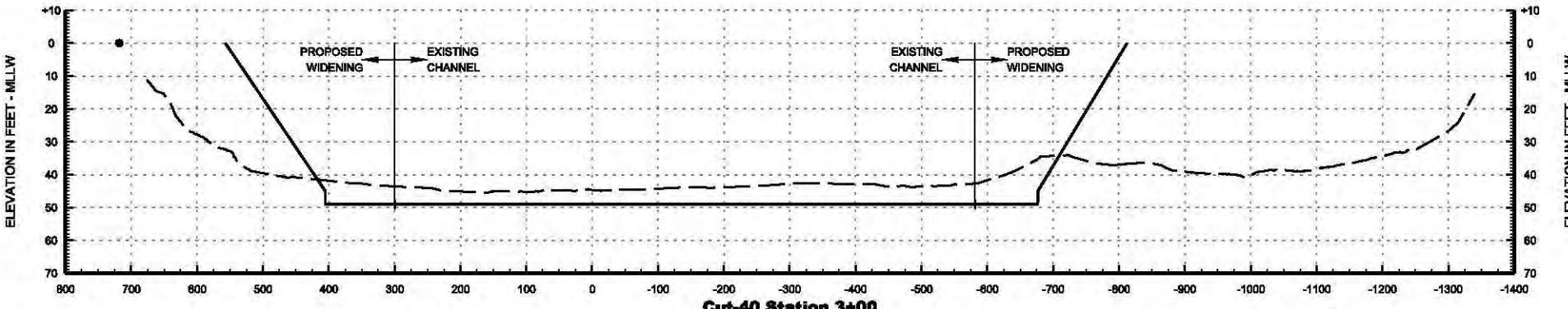
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
135



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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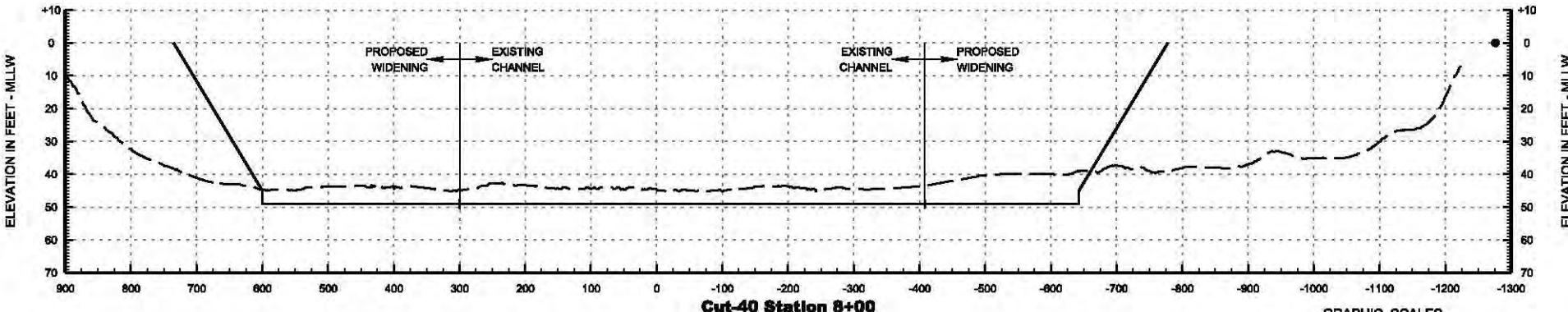
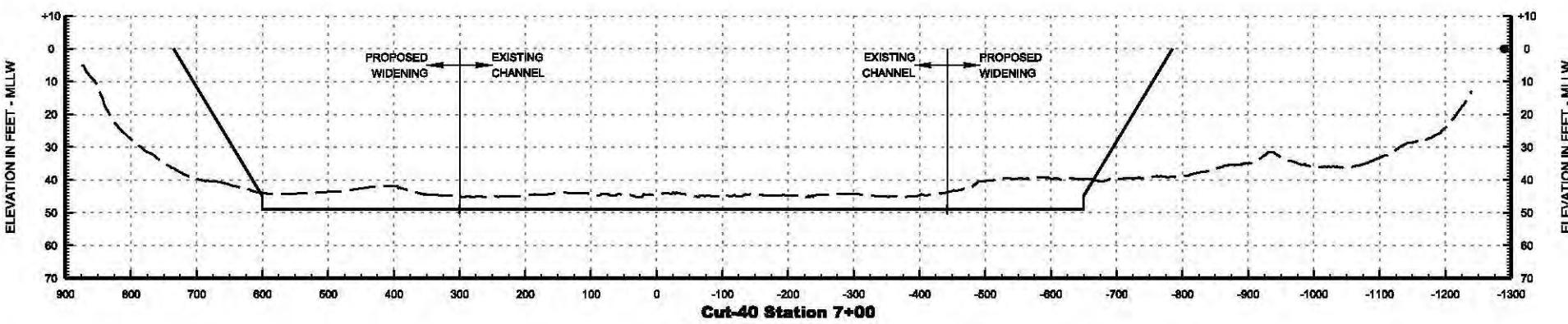
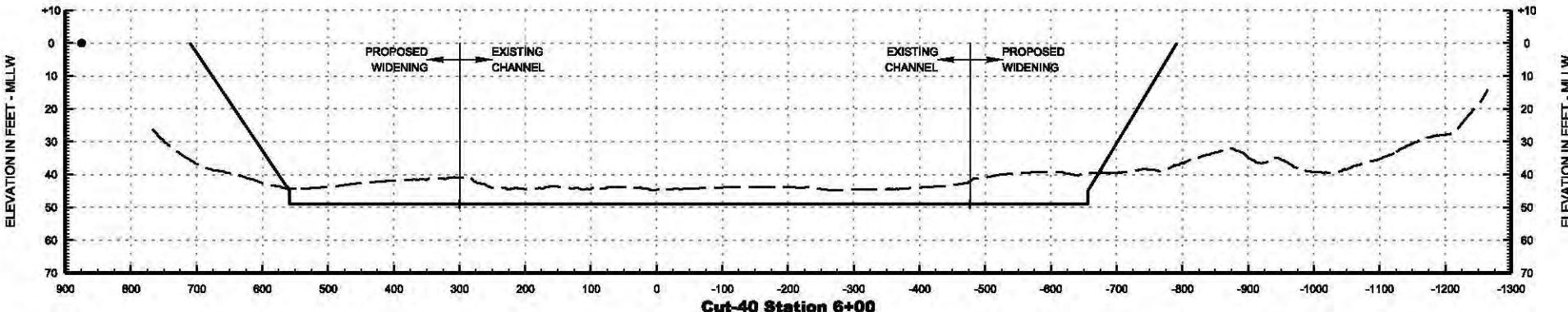
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
136



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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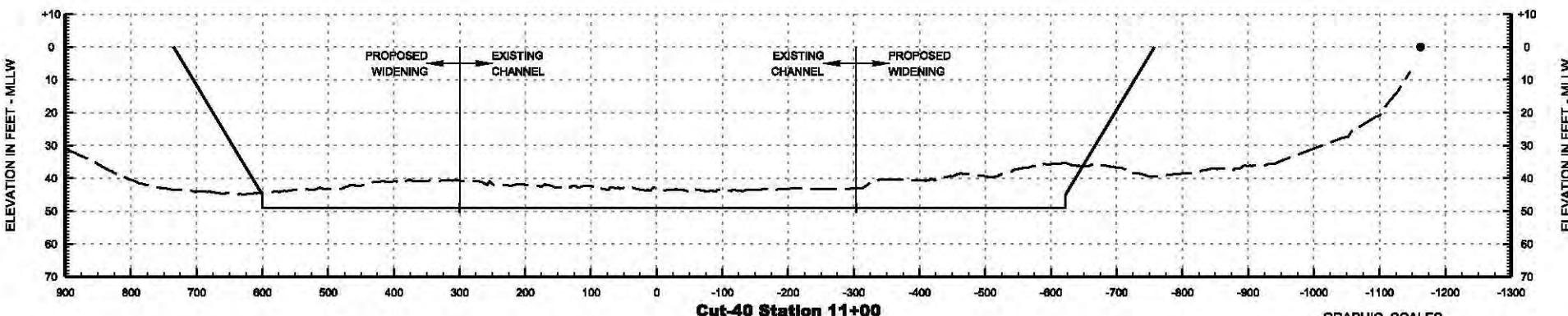
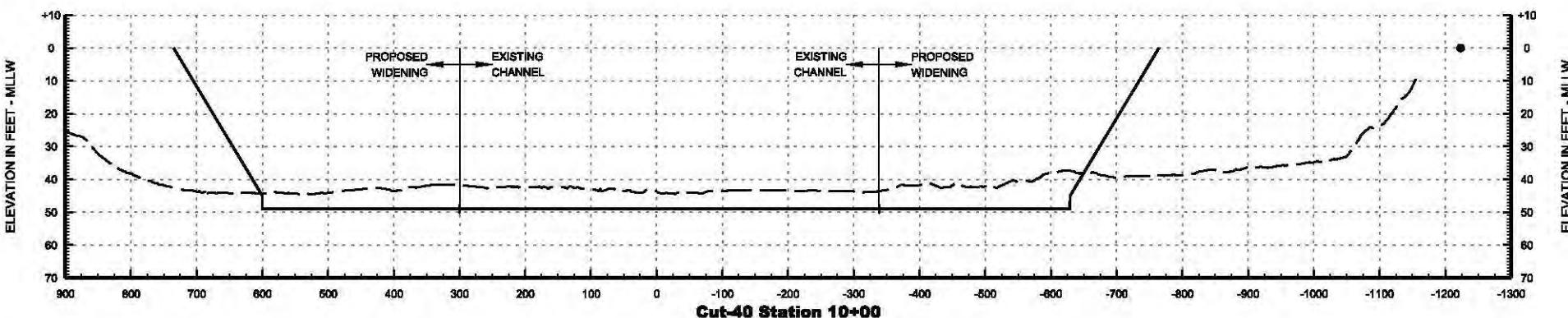
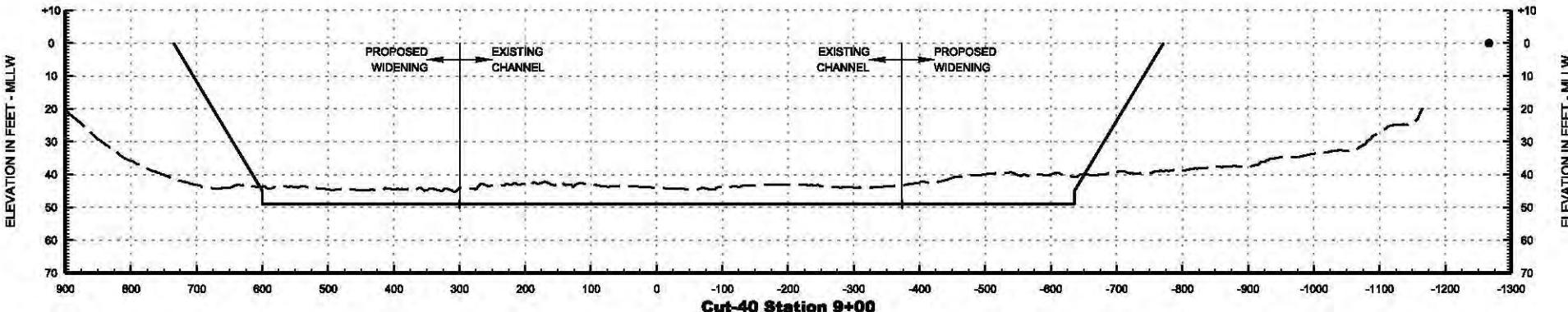
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
137



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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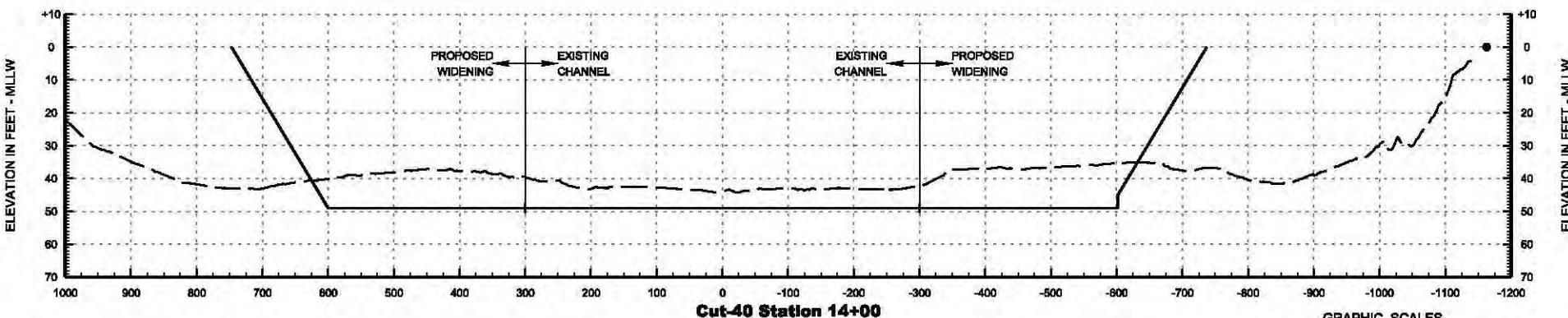
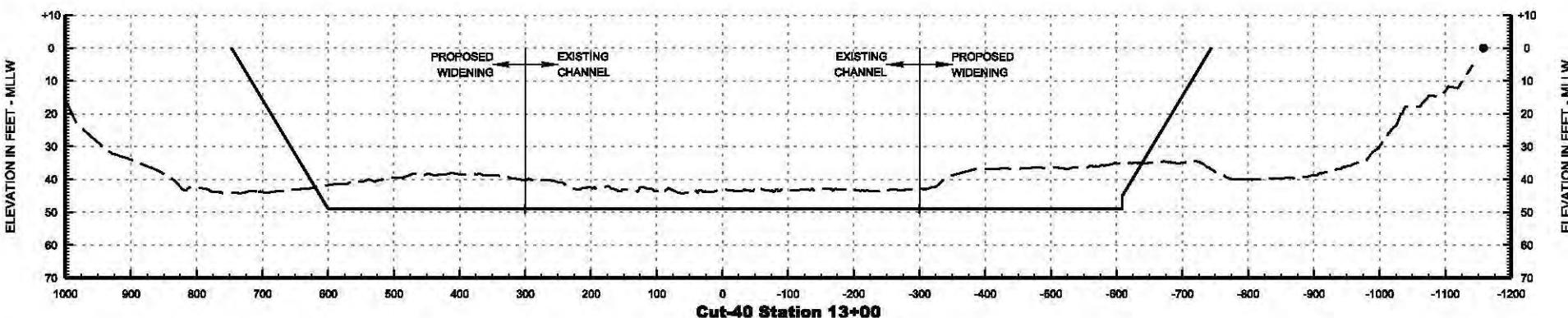
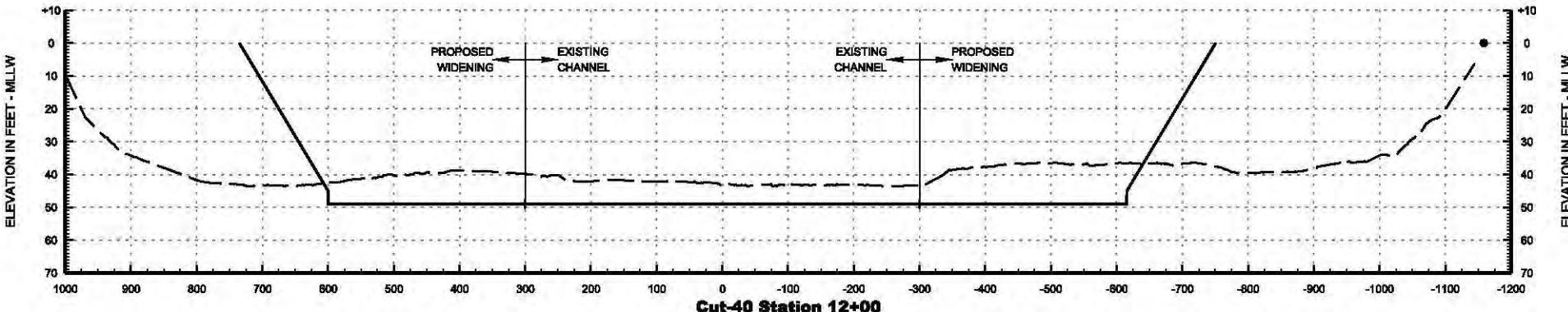
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
138



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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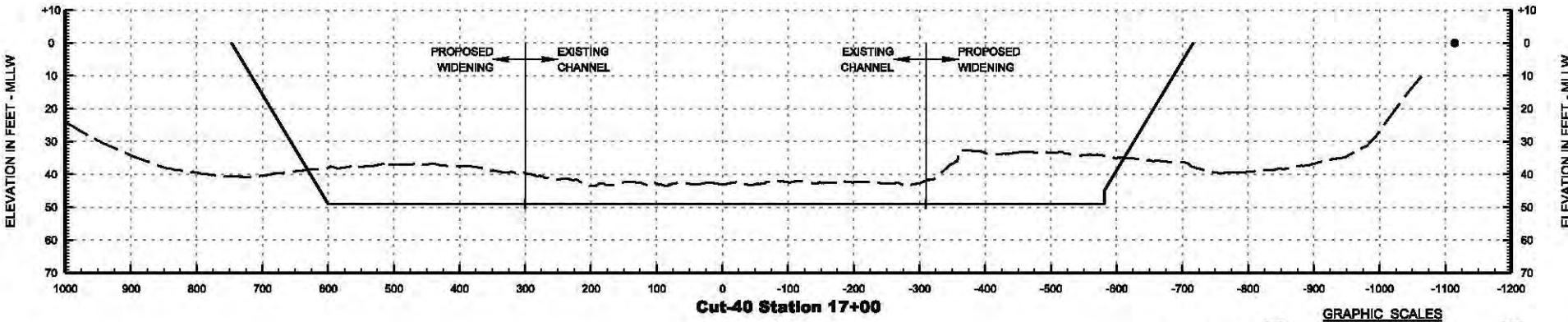
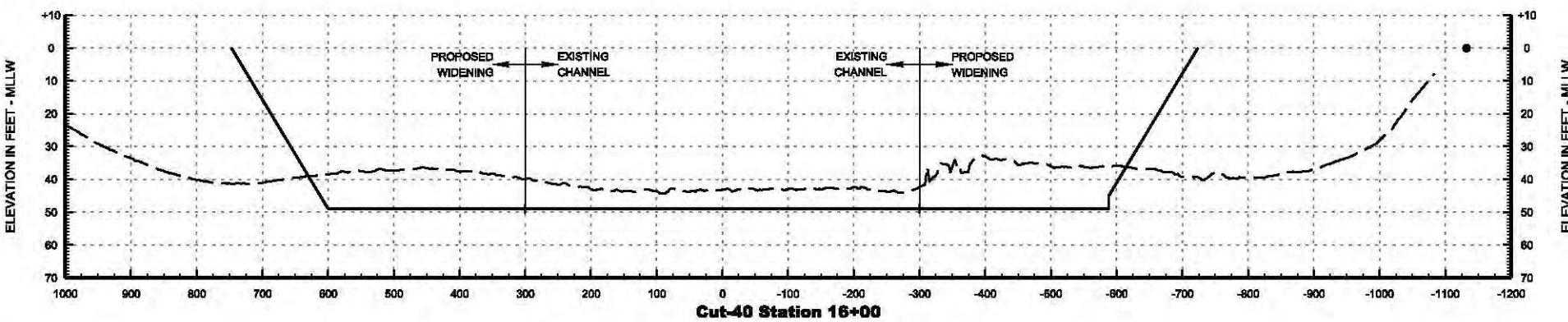
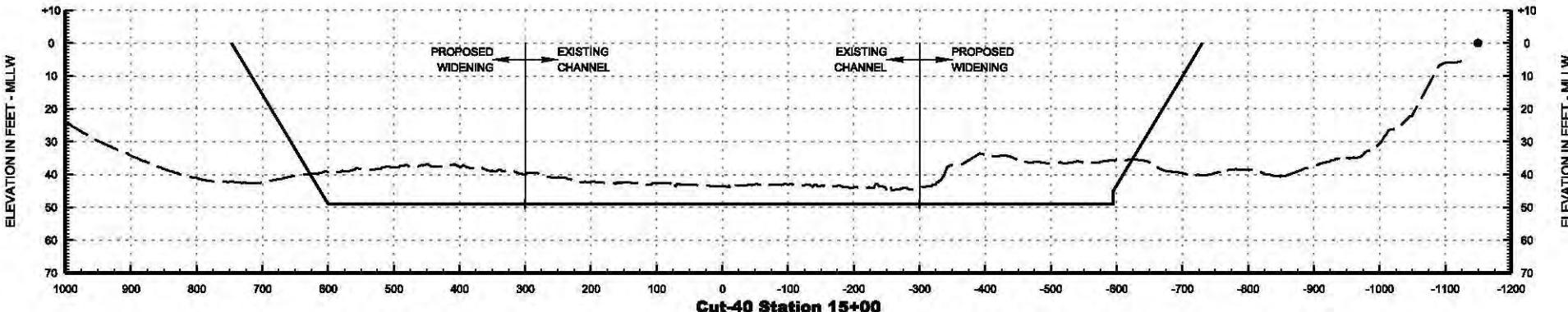
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CUT-40 STATION 12+00 TO 14+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
139



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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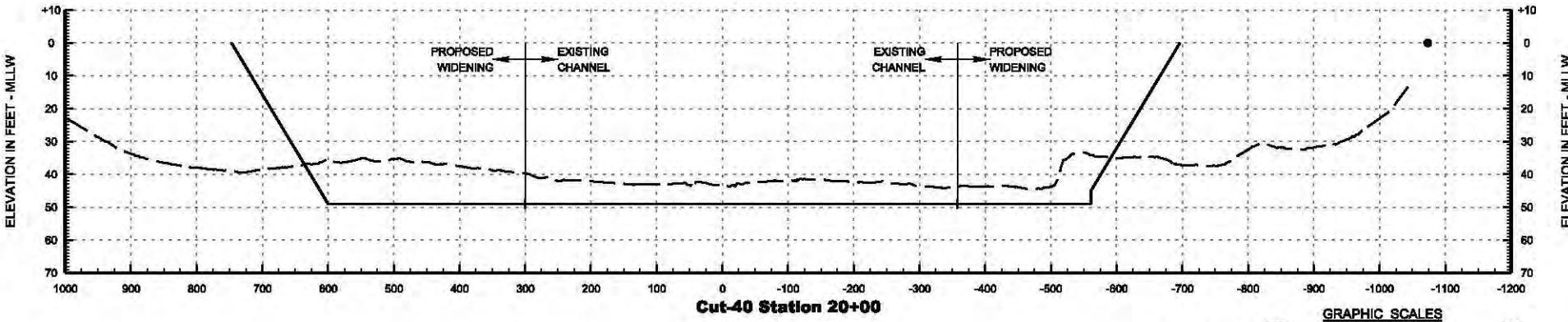
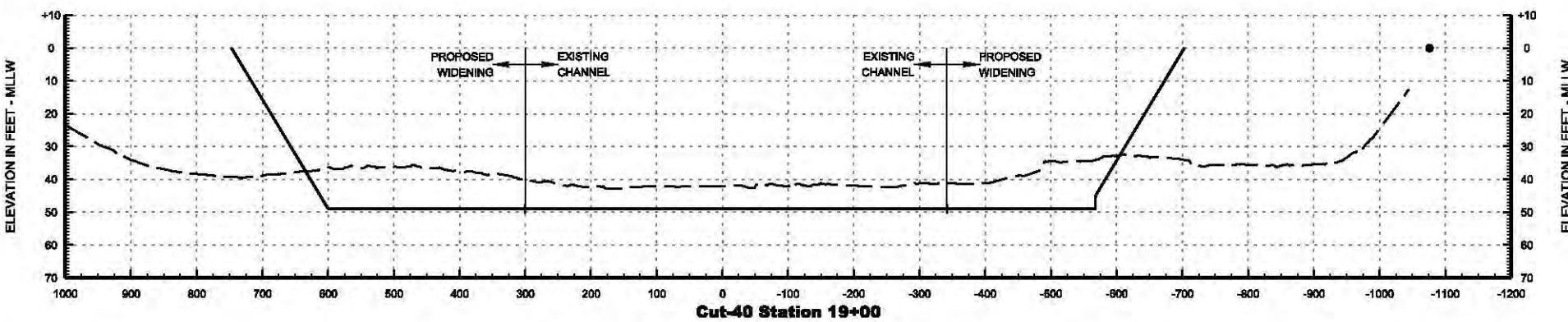
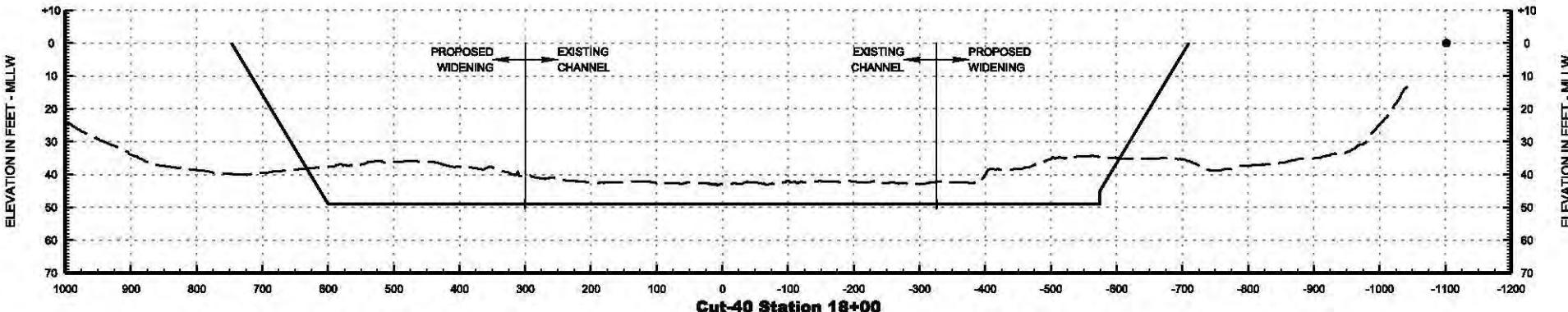
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CUT-40 STATION 15+00 TO 17+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
140



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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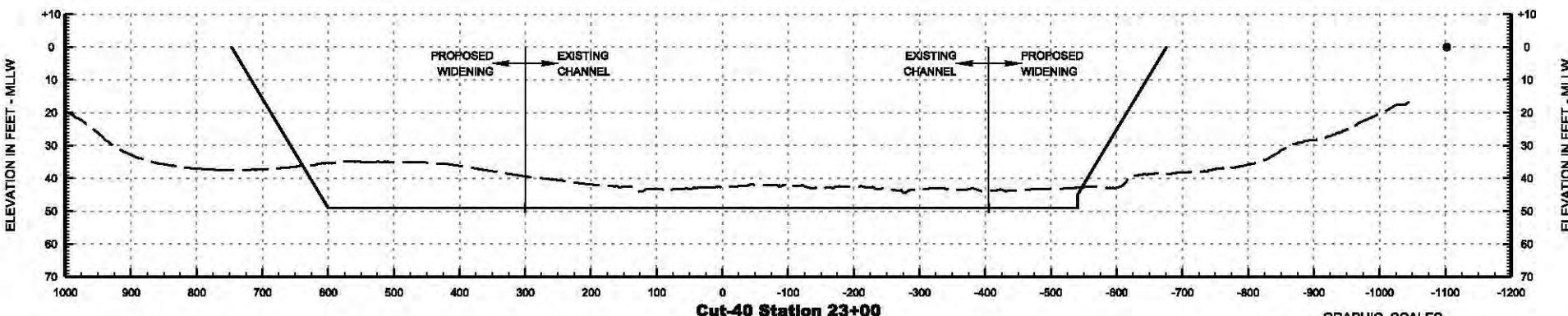
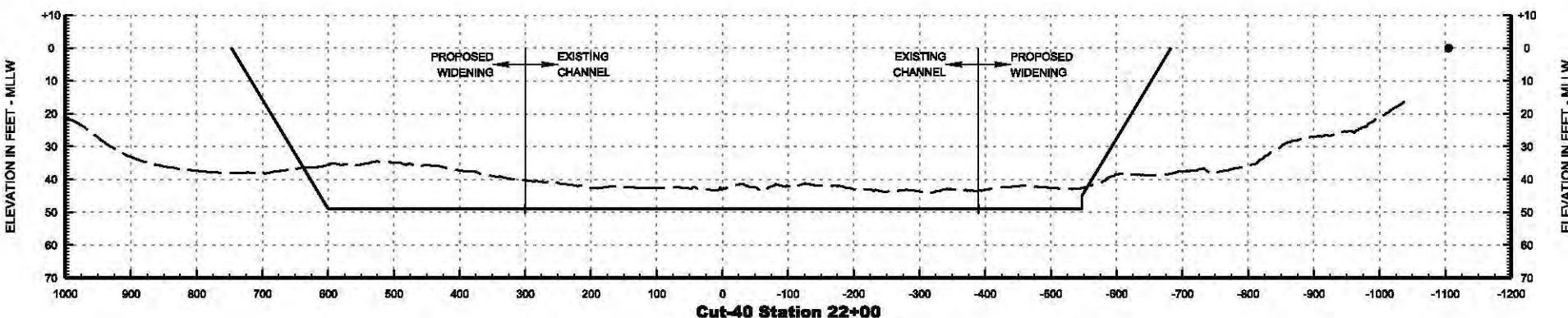
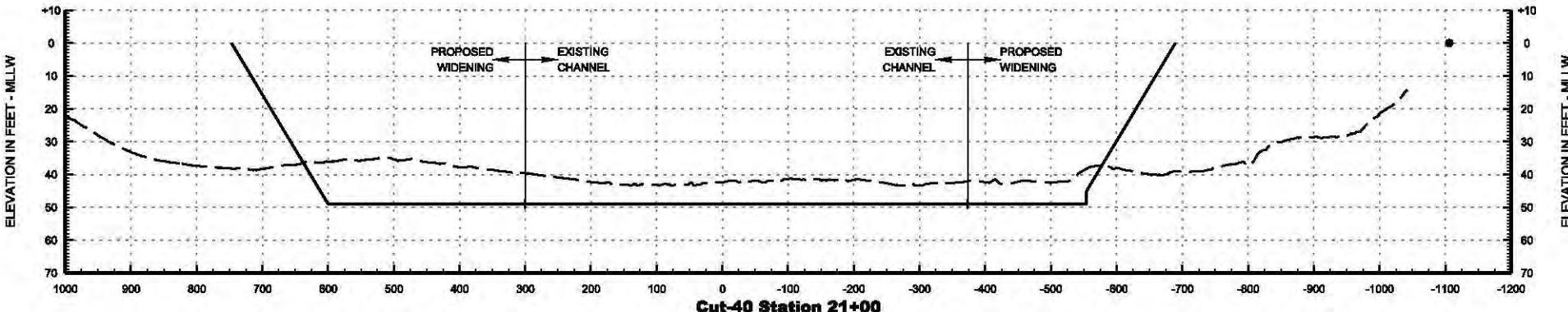
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

141

FIGURE



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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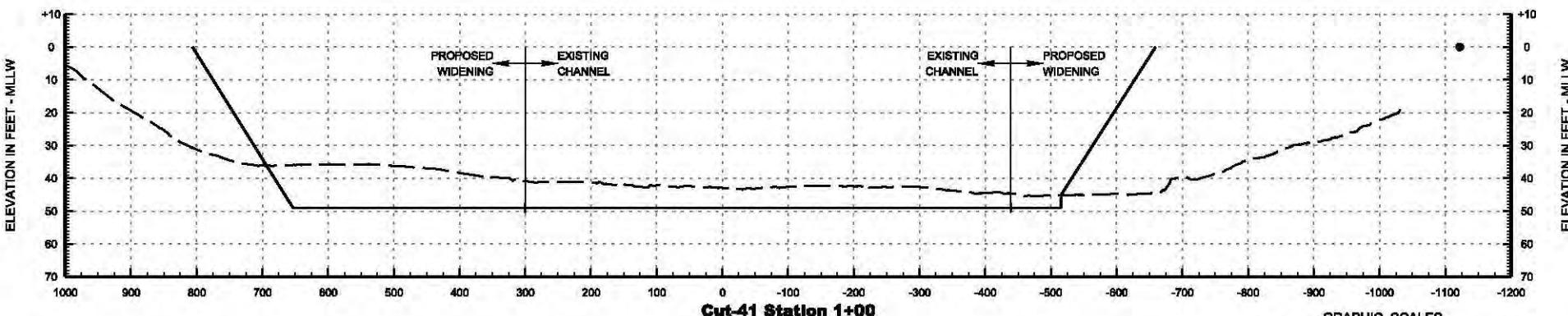
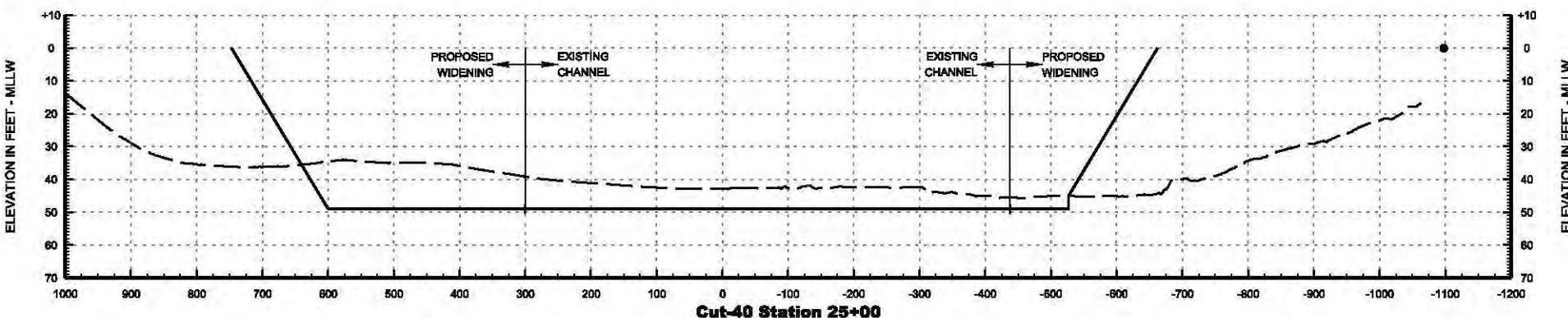
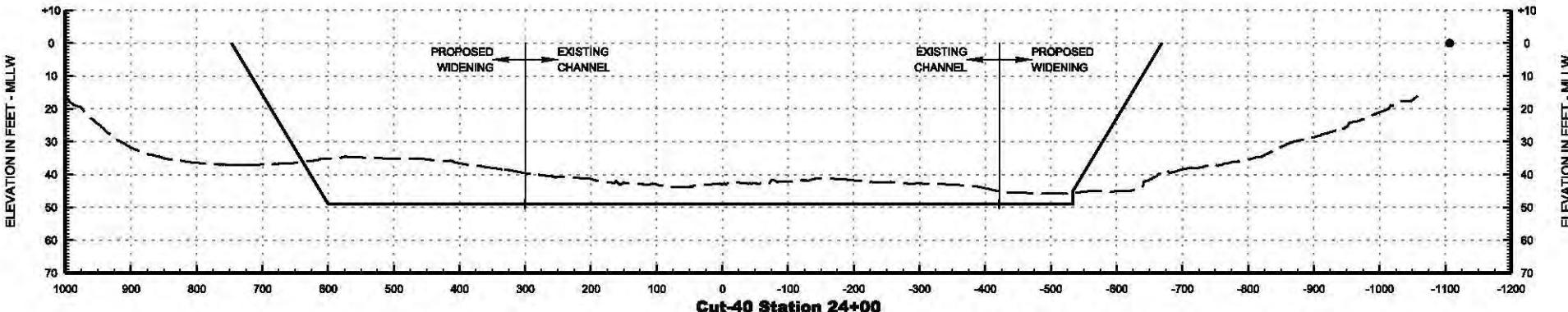
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• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

142

FIGURE



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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Jacksonville District

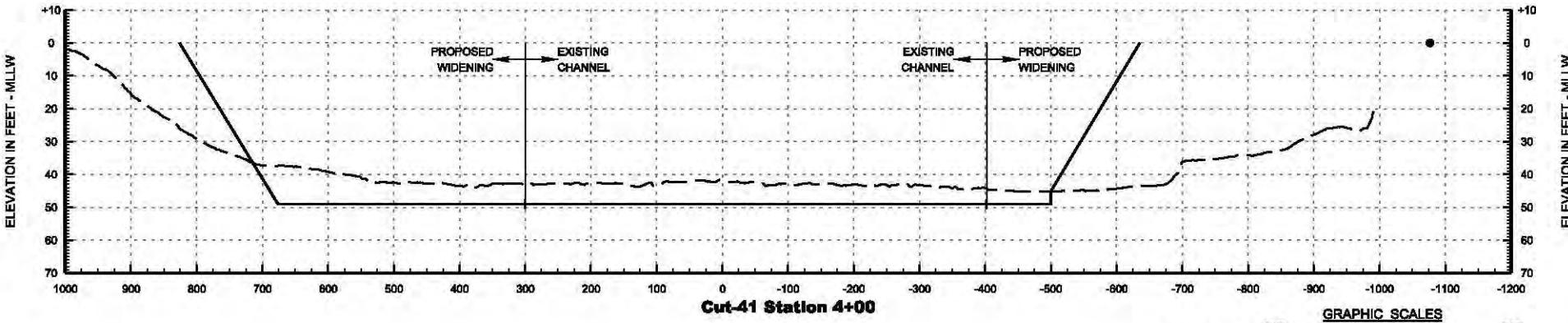
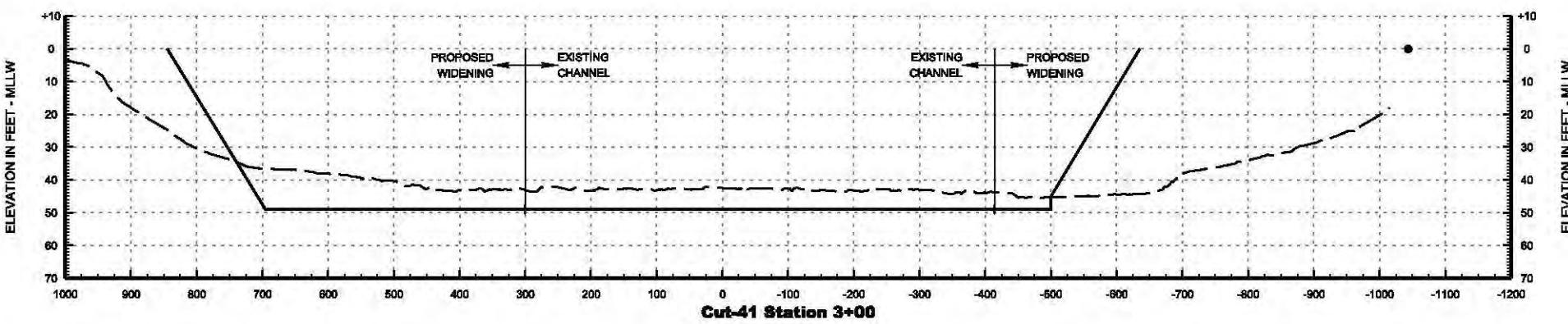
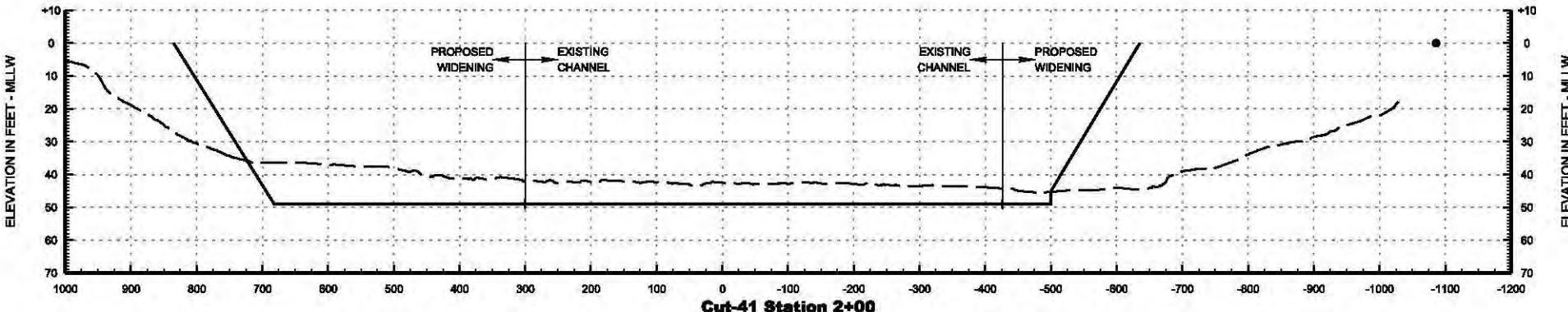
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
143



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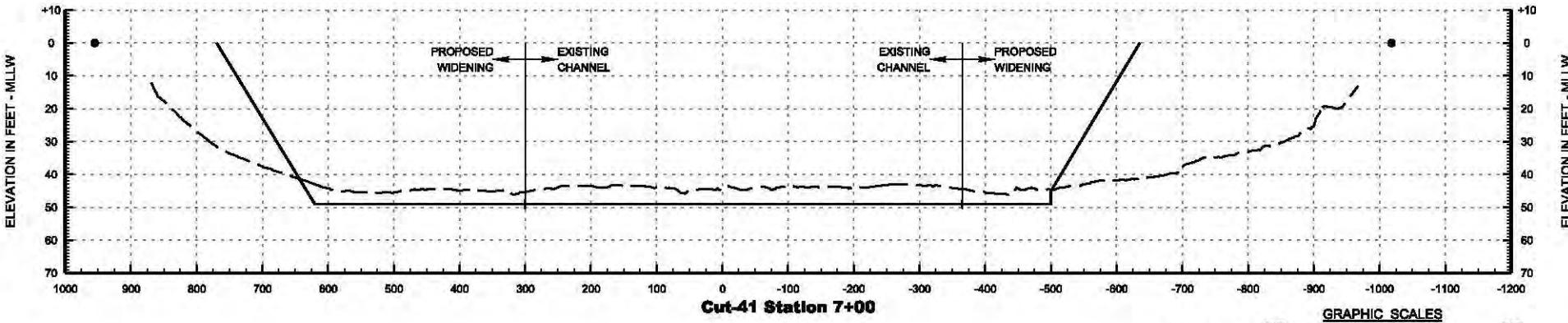
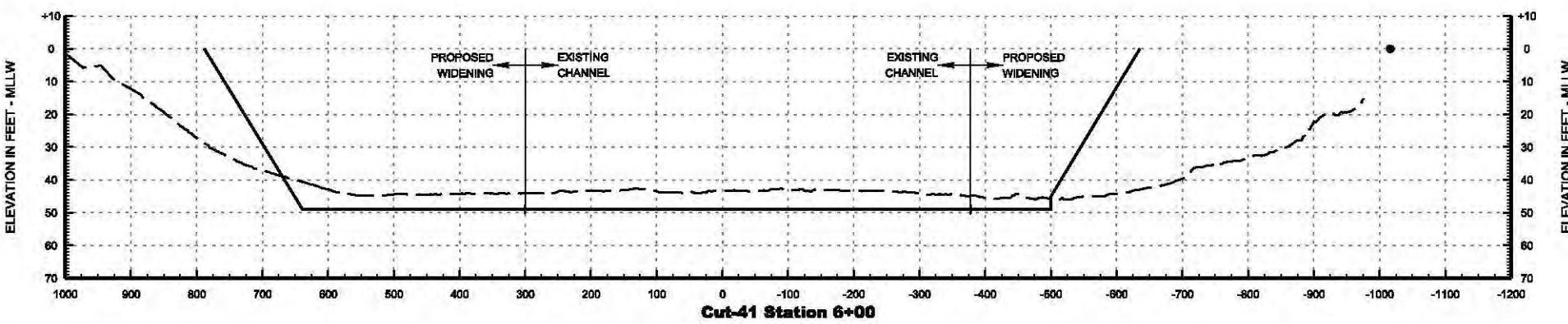
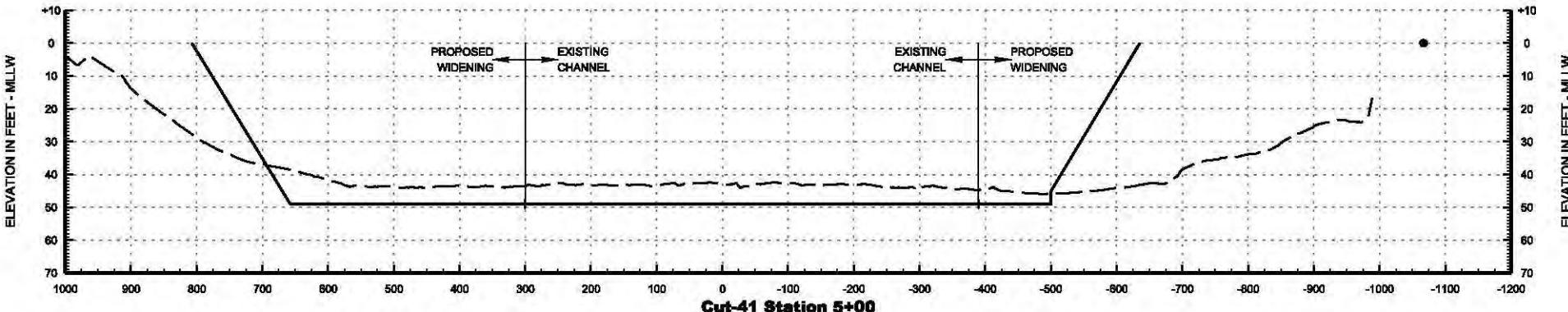
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● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

144

FIGURE



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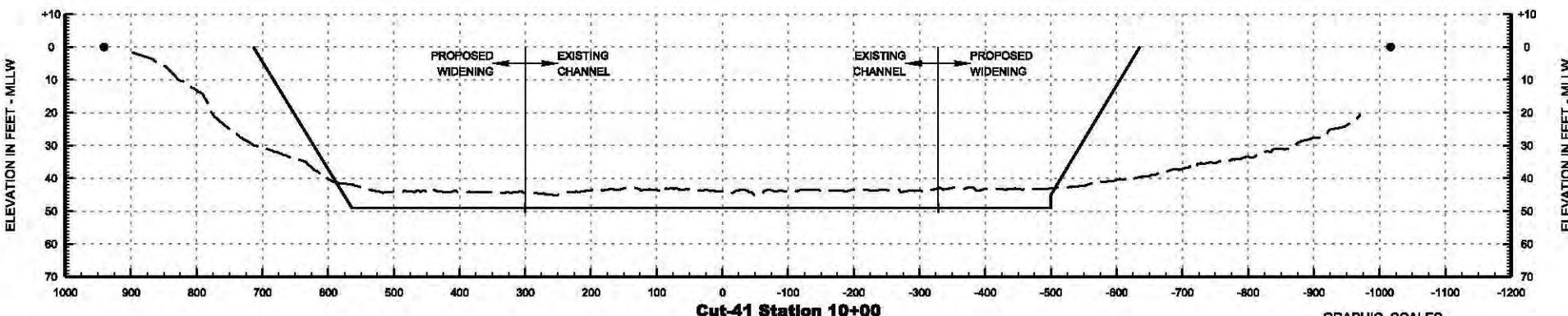
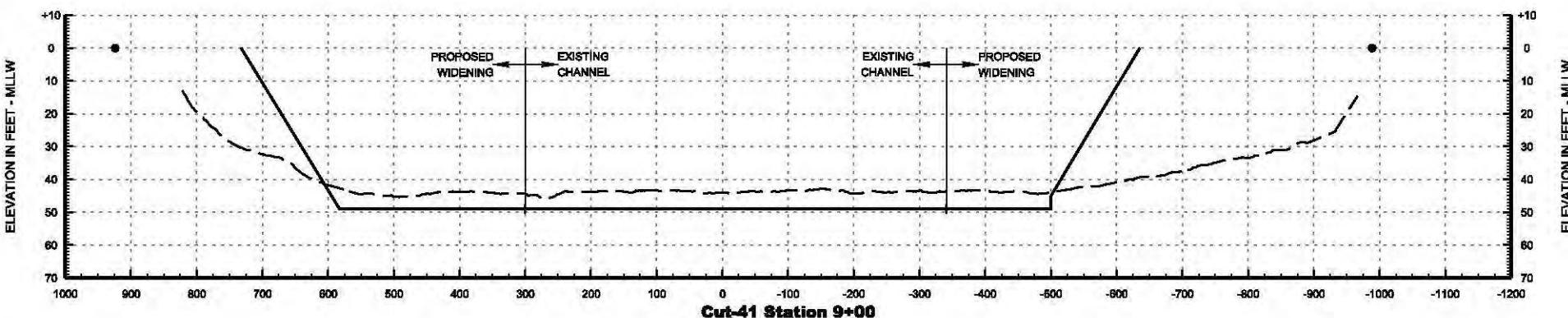
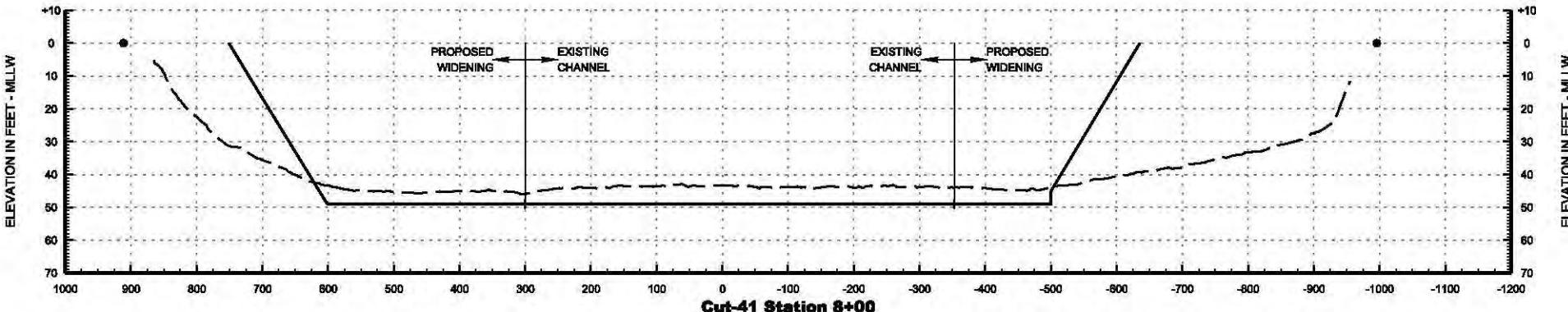
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● APPROXIMATE SHORELINE
— Existing Ground
— Dredge Template
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
145



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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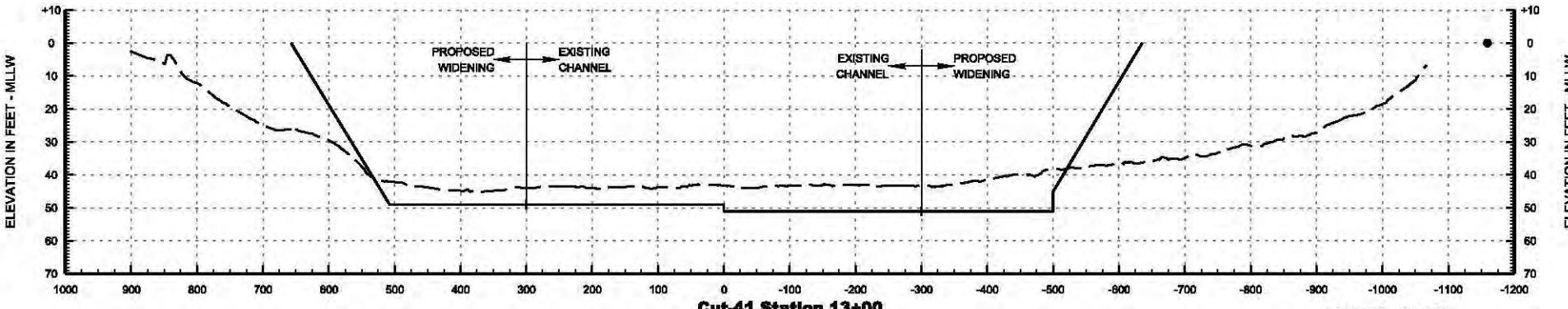
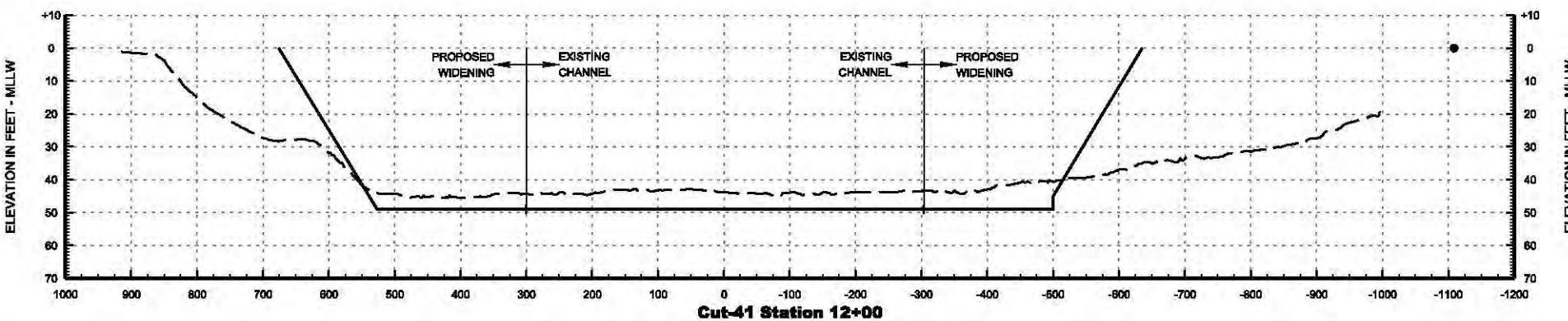
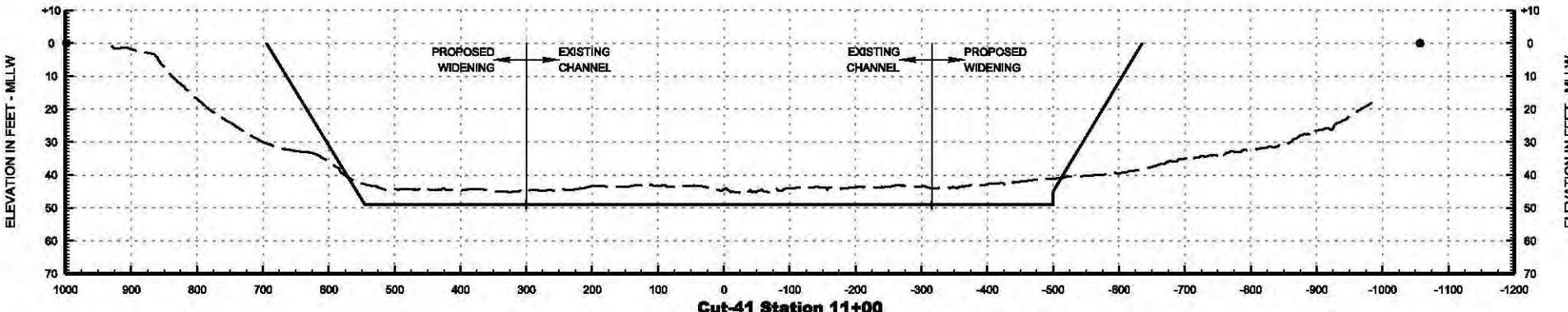
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT
DUVAL COUNTY, FLORIDA
DREDGING CROSS SECTIONS
CUT-41 STATION 8+00 TO 10+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
146



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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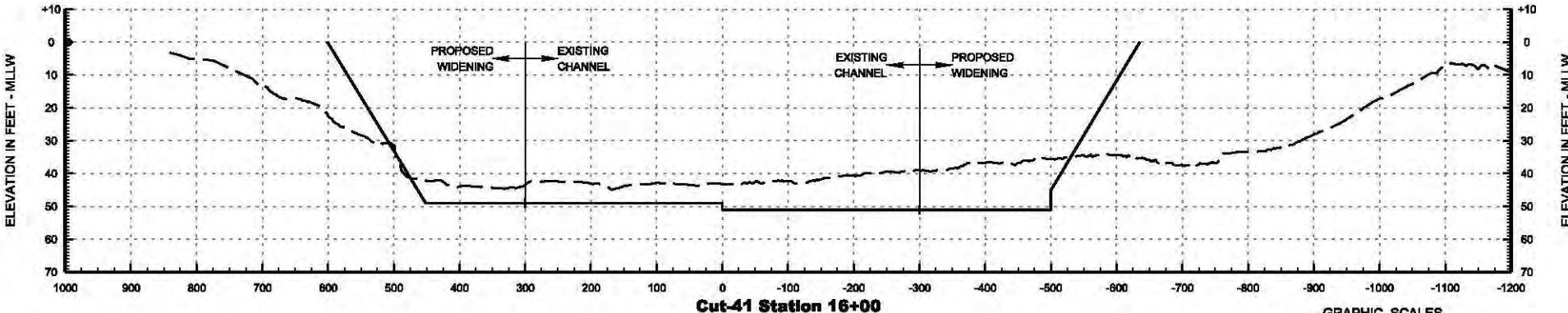
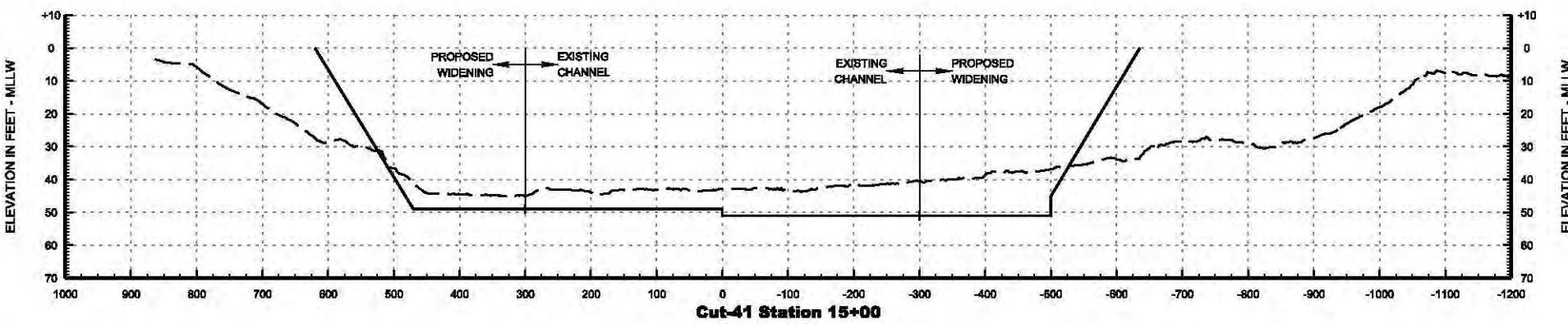
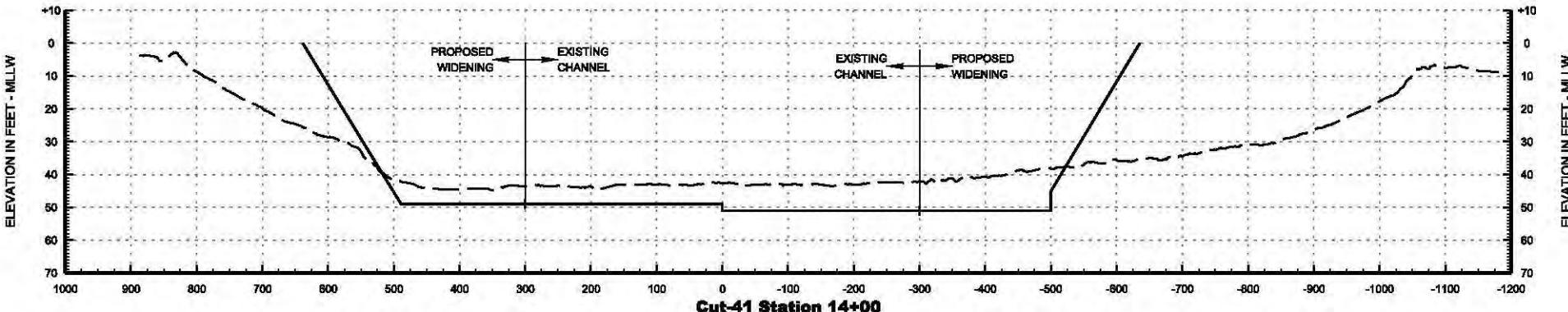
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CUT-41 STATION 11+00 TO STATION 13+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
147



| GRAPHIC SCALES | | | |
|----------------|------|---|-----------|
| HORIZONTAL | 120' | 0 | 120' 240' |
| VERTICAL | 24' | 0 | 24' 48' |



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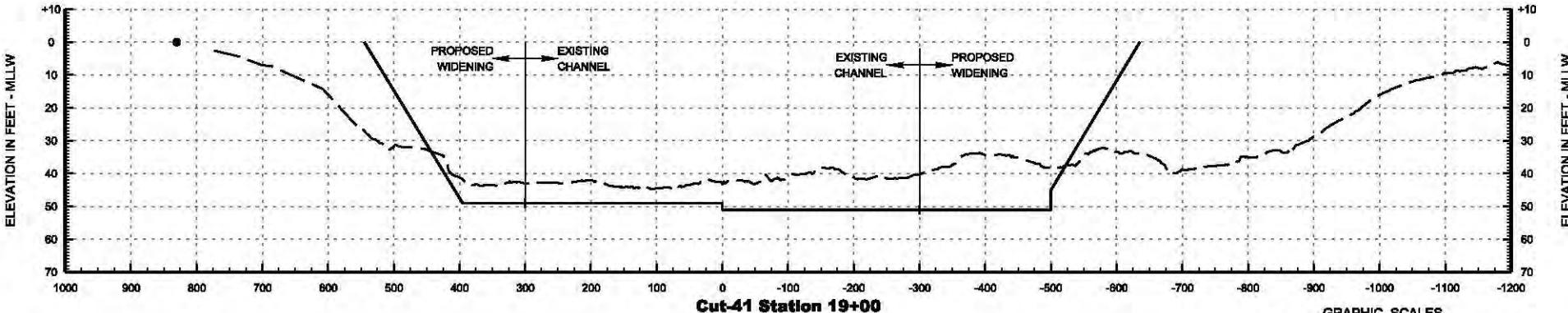
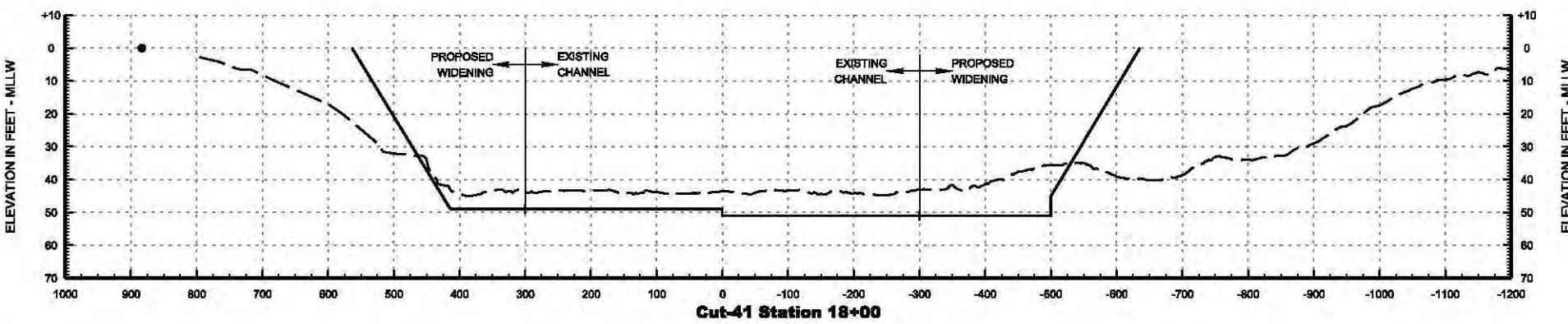
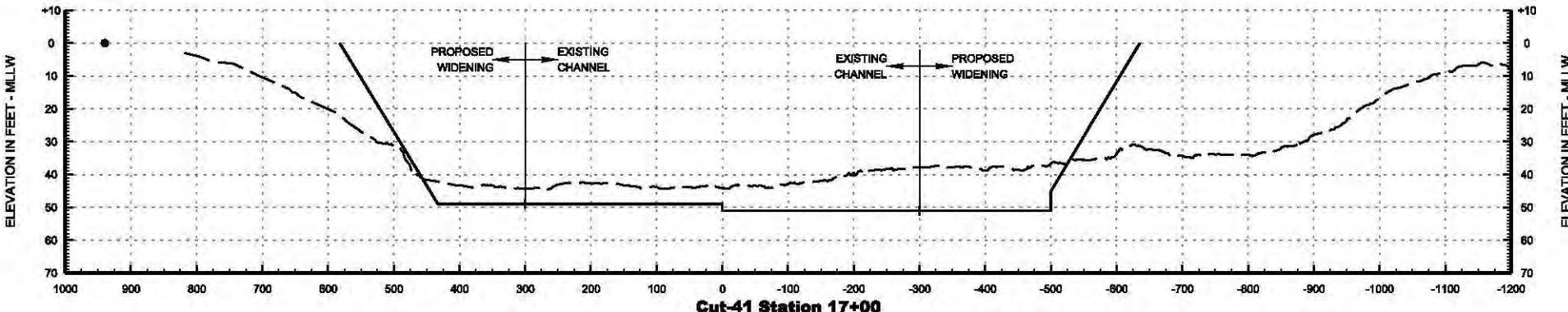
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GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

* APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
148



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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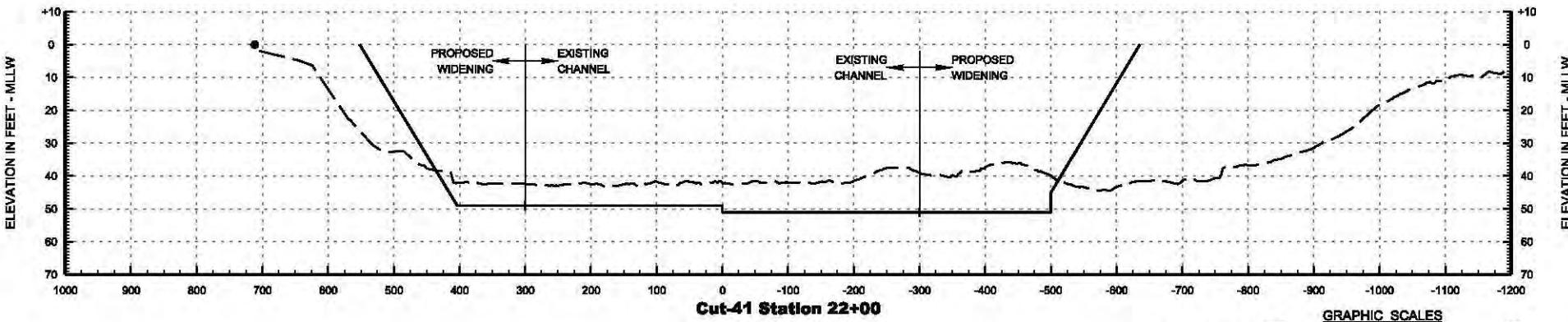
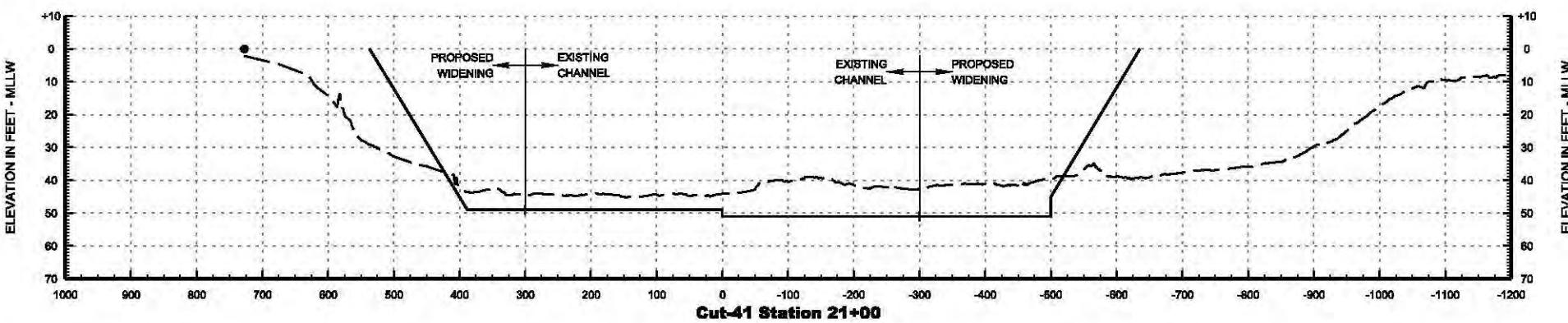
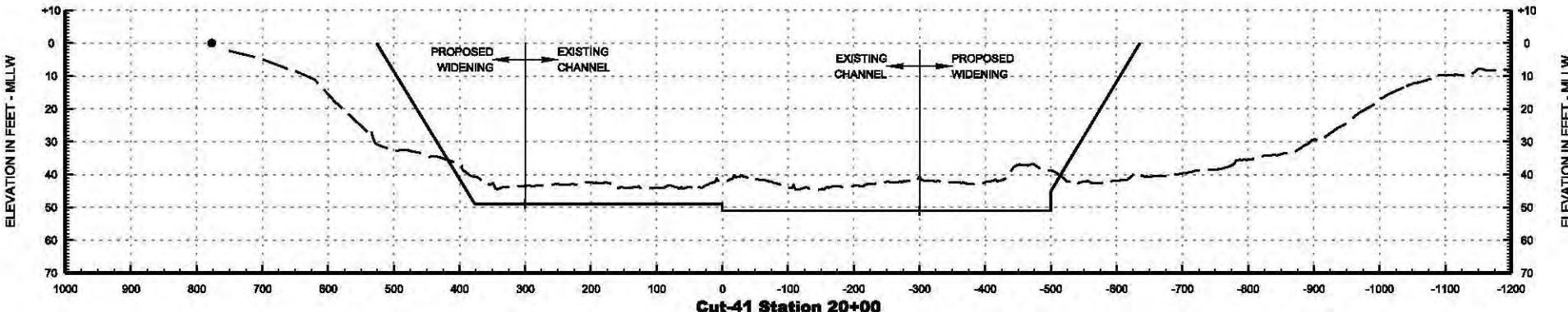
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CUT-41 STATION 17+00 TO 19+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
149



| GRAPHIC SCALES | | | |
|----------------|------|---|------|
| HORIZONTAL | 120' | 0 | 120' |
| VERTICAL | 24' | 0 | 48' |



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CUT-41 STATION 20+00 TO 22+00
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE
— EXISTING GROUND
— DREDGE TEMPLATE
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.

FIGURE
150